

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019717.D
 Acq On : 04 Dec 2020 15:10
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:55:38 AM

Quant Time: Dec 04 15:33:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 14:48:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	355541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	567602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	517073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	264560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	89045	18.99	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	37.98%#
35) Dibromofluoromethane	5.46	113	72440	19.74	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	39.48%#
50) Toluene-d8	8.69	98	280751	19.99	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	39.98%#
62) 4-Bromofluorobenzene	11.12	95	108263	20.36	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	40.72%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	64806	20.720	ug/l 96
3) Chloromethane	1.31	50	72529	19.569	ug/l 99
4) Vinyl Chloride	1.39	62	80938	20.614	ug/l 100
5) Bromomethane	1.62	94	29067	18.816	ug/l 98
6) Chloroethane	1.70	64	49917	20.930	ug/l 100
7) Trichlorofluoromethane	1.91	101	113476	20.607	ug/l 97
8) Diethyl Ether	2.17	74	47236	20.176	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	65641	20.733	ug/l 99
10) Methyl Iodide	2.48	142	91037	19.611	ug/l 99
11) Tert butyl alcohol	3.01	59	97168	96.775	ug/l 99
12) 1,1-Dichloroethene	2.35	96	65089	20.376	ug/l 93
13) Acrolein	2.27	56	42217	82.201	ug/l 98
14) Allyl chloride	2.70	41	108502	20.045	ug/l 99
15) Acrylonitrile	3.11	53	207695	99.582	ug/l 100
16) Acetone	2.42	43	163055	92.137	ug/l 99
17) Carbon Disulfide	2.54	76	182840	20.099	ug/l 100
18) Methyl Acetate	2.75	43	80140	18.792	ug/l 100
19) Methyl tert-butyl Ether	3.16	73	240365	20.569	ug/l 99
20) Methylene Chloride	2.83	84	82443	18.449	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	76618	20.528	ug/l 97
22) Diisopropyl ether	3.82	45	227167	20.755	ug/l 97
23) Vinyl Acetate	3.78	43	965048	103.364	ug/l 100
24) 1,1-Dichloroethane	3.67	63	134629	20.404	ug/l 99
25) 2-Butanone	4.62	43	259283	96.637	ug/l 98
26) 2,2-Dichloropropane	4.54	77	115833	20.368	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	88401	20.195	ug/l 100
28) Bromochloromethane	4.97	49	63514	19.884	ug/l 98
29) Tetrahydrofuran	5.08	42	168310	98.099	ug/l 100
30) Chloroform	5.17	83	138603	20.391	ug/l 100
31) Cyclohexane	5.54	56	119609	21.061	ug/l 99
32) 1,1,1-Trichloroethane	5.45	97	119311	20.422	ug/l 99
36) 1,1-Dichloropropene	5.76	75	105673	21.038	ug/l 99
37) Ethyl Acetate	4.78	43	102526	20.060	ug/l 99
38) Carbon Tetrachloride	5.74	117	101368	20.523	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	127288	21.691	ug/l	98
40) Benzene	6.10	78	319044	20.762	ug/l	99
41) Methacrylonitrile	4.99	41	54707	19.485	ug/l	97
42) 1,2-Dichloroethane	6.15	62	109799	20.881	ug/l	100
43) Isopropyl Acetate	6.40	43	165762	19.979	ug/l	100
44) Trichloroethene	7.18	130	84294	20.947	ug/l	97
45) 1,2-Dichloropropane	7.48	63	80109	20.841	ug/l	98
46) Dibromomethane	7.63	93	53677	20.674	ug/l	100
47) Bromodichloromethane	7.87	83	105670	20.487	ug/l	98
48) Methyl methacrylate	7.74	41	82228	20.168	ug/l	99
49) 1,4-Dioxane	7.71	88	40971	415.783	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	519980	102.752	ug/l	100
52) Toluene	8.76	92	201455	20.965	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	119429	20.894	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	130981	21.118	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	80563	20.731	ug/l	98
56) Ethyl methacrylate	9.15	69	120819	20.551	ug/l	100
57) 1,3-Dichloropropane	9.35	76	136016	20.492	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	316293	100.830	ug/l	100
59) 2-Hexanone	9.47	43	410520	104.790	ug/l	99
60) Dibromochloromethane	9.56	129	80868	20.512	ug/l	99
61) 1,2-Dibromoethane	9.65	107	84754	20.545	ug/l	99
64) Tetrachloroethene	9.31	164	73562	21.733	ug/l	94
65) Chlorobenzene	10.12	112	214254	21.234	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	77085	21.233	ug/l	99
67) Ethyl Benzene	10.23	91	388242	21.731	ug/l	100
68) m/p-Xylenes	10.34	106	296346	44.036	ug/l	98
69) o-Xylene	10.68	106	140189	21.650	ug/l	99
70) Styrene	10.70	104	236520	21.597	ug/l	100
71) Bromoform	10.84	173	60777	21.345	ug/l #	100
73) Isopropylbenzene	11.00	105	380080	21.384	ug/l	99
74) N-amyl acetate	10.88	43	148427	20.872	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	128402	20.426	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	119599m	20.390	ug/l	
77) Bromobenzene	11.24	156	95609	21.023	ug/l	98
78) n-propylbenzene	11.34	91	432488	21.237	ug/l	99
79) 2-Chlorotoluene	11.40	91	259437	20.717	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	319047	21.249	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	40932	20.204	ug/l	96
82) 4-Chlorotoluene	11.49	91	310622	21.259	ug/l	99
83) tert-Butylbenzene	11.76	119	308621	20.902	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	323433	21.369	ug/l	100
85) sec-Butylbenzene	11.93	105	358416	21.309	ug/l	99
86) p-Isopropyltoluene	12.05	119	332523	21.584	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	174781	20.956	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	177798	20.998	ug/l	99
89) n-Butylbenzene	12.37	91	287902	21.086	ug/l	100
90) Hexachloroethane	12.58	117	53543	20.060	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	169811	20.853	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	25773	18.916	ug/l	98

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VSTDICC020

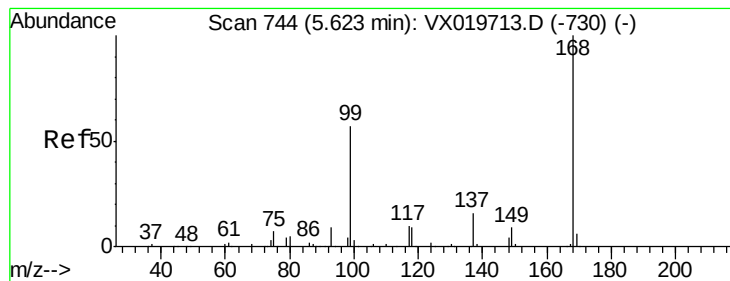
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	111484	21.048	ug/l	98
94) Hexachlorobutadiene	13.76	225	48741	20.569	ug/l	99
95) Naphthalene	13.82	128	353899	20.489	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	107690	20.740	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 743

Delta R.T. -0.01 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 355541

Ion Ratio Lower Upper

168 100

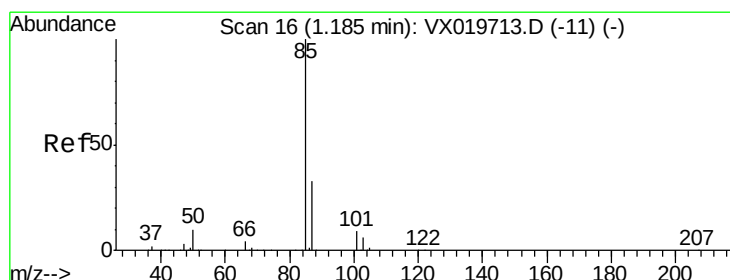
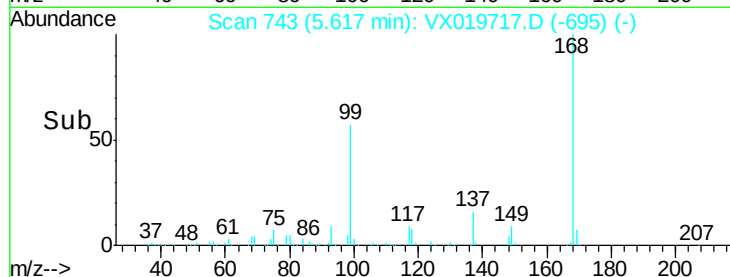
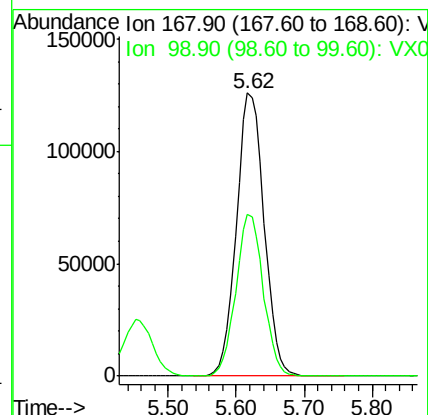
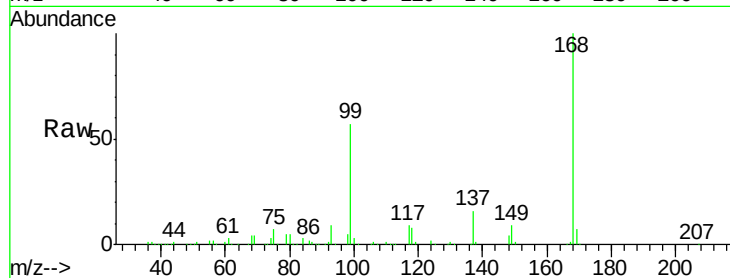
99 57.2 45.8 68.6

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#2

Dichlorodifluoromethane

Concen: 20.720 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019717.D

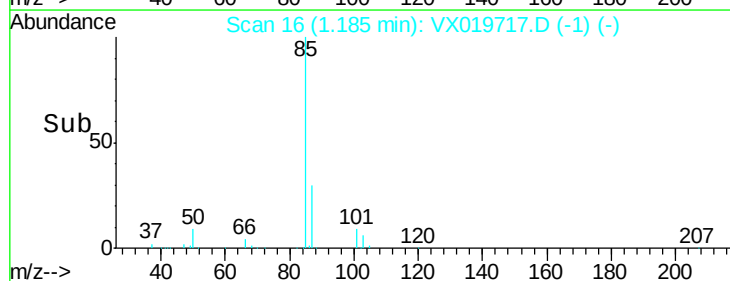
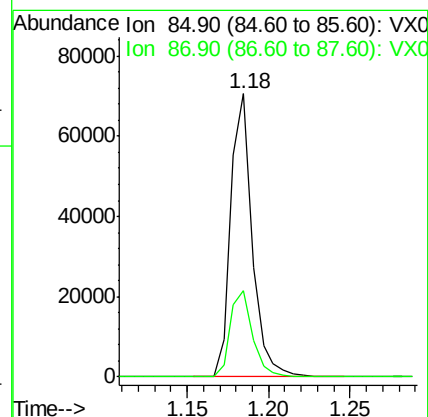
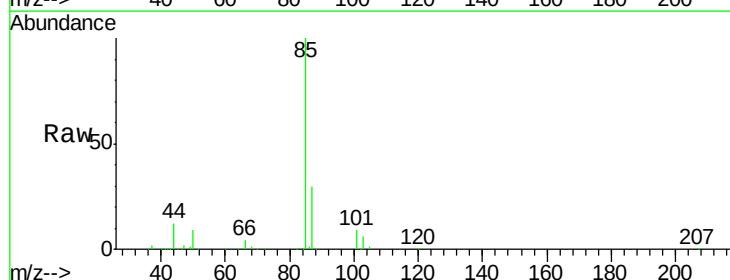
Acq: 04 Dec 2020 15:10

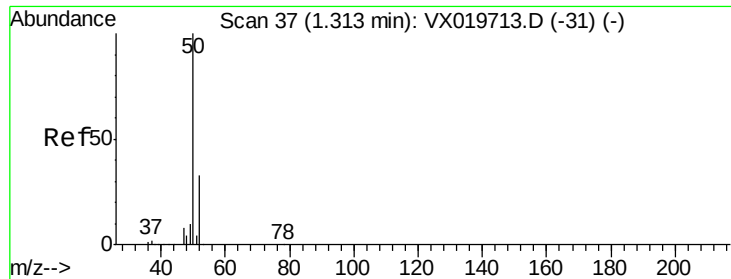
Tgt Ion: 85 Resp: 64806

Ion Ratio Lower Upper

85 100

87 30.5 16.4 49.2





#3

Chloromethane

Concen: 19.569 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 72529

Ion Ratio Lower Upper

50 100

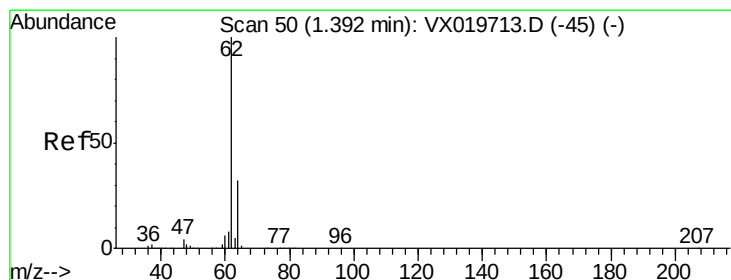
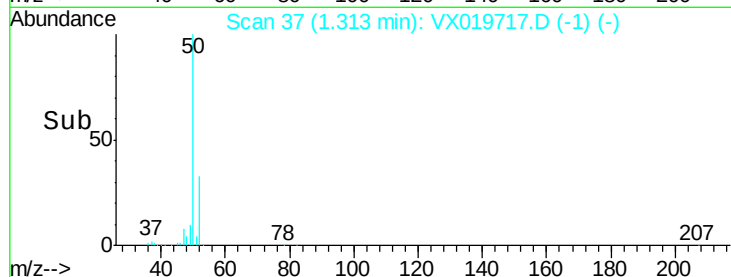
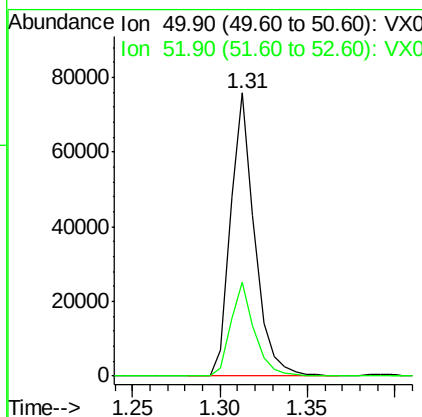
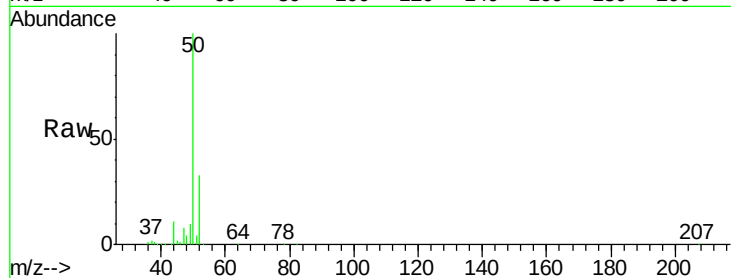
52 33.4 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.614 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019717.D

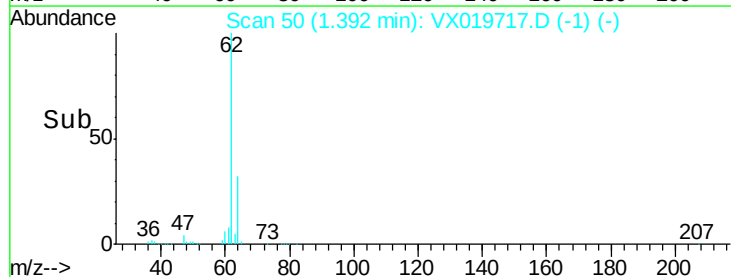
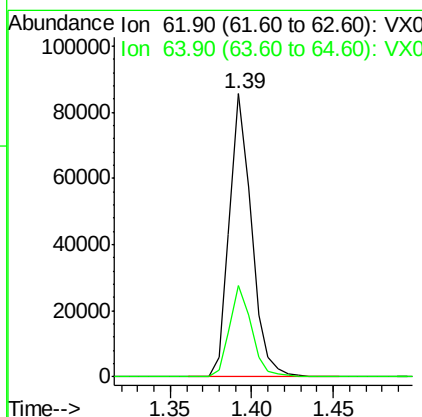
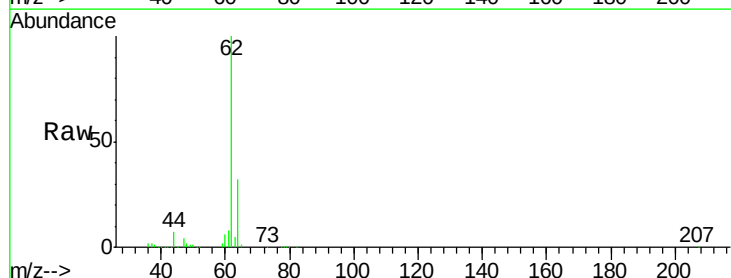
Acq: 04 Dec 2020 15:10

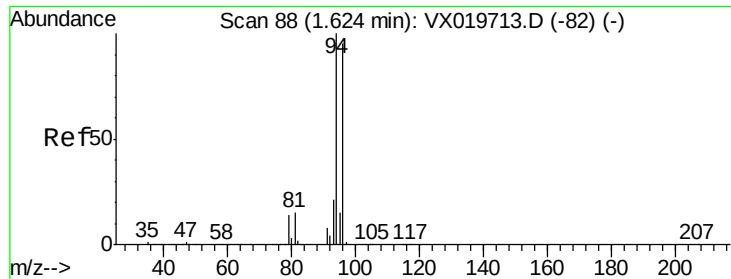
Tgt Ion: 62 Resp: 80938

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 18.816 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 29067

Ion Ratio Lower Upper

94 100

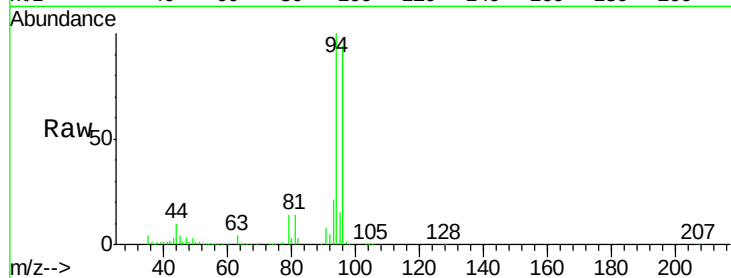
96 94.0 76.4 114.6

Manual Integrations

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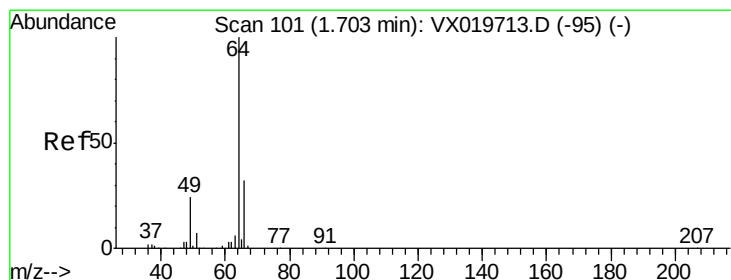
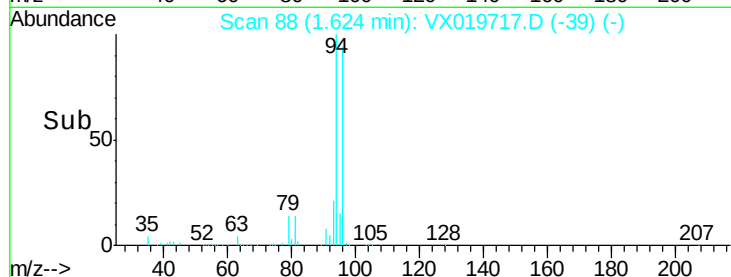
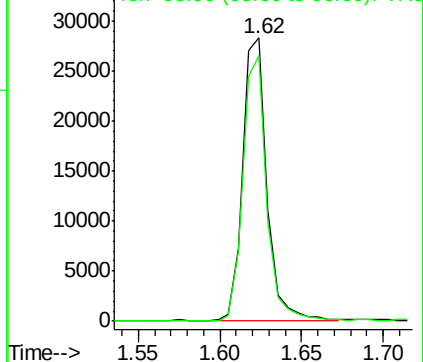
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.930 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX019717.D

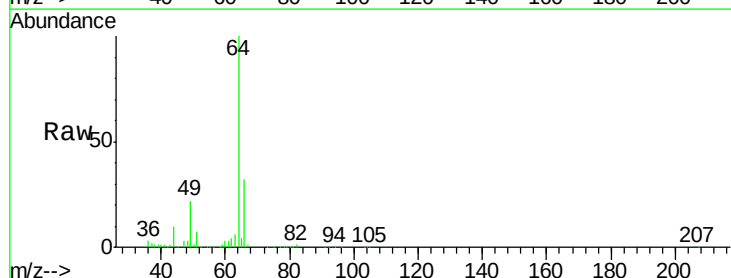
Acq: 04 Dec 2020 15:10

Tgt Ion: 64 Resp: 49917

Ion Ratio Lower Upper

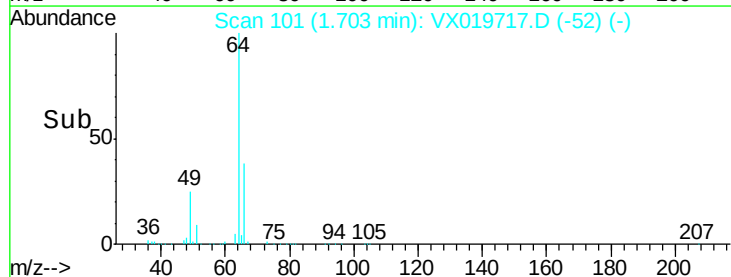
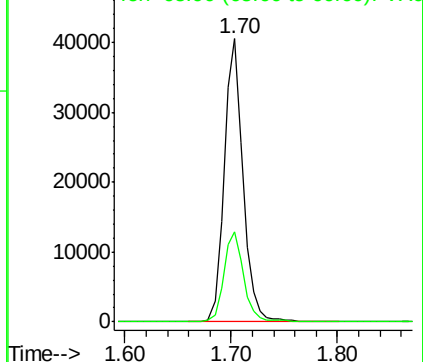
64 100

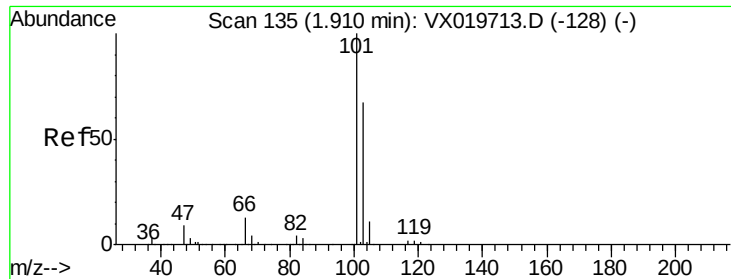
66 31.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

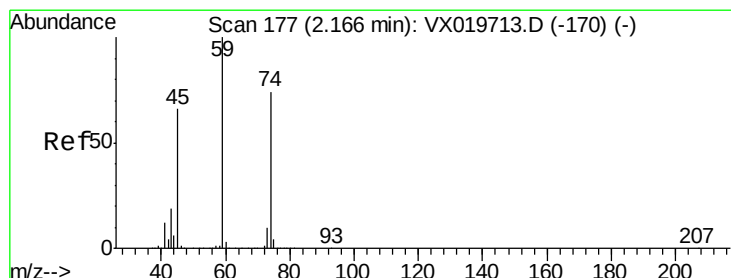
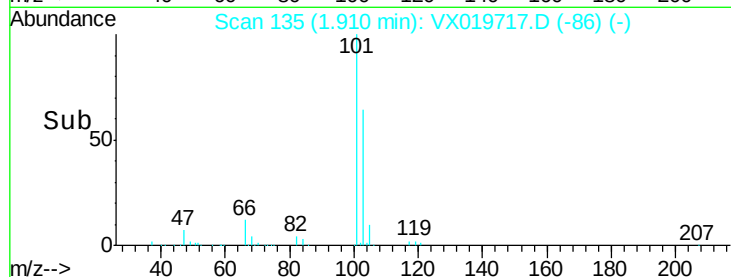
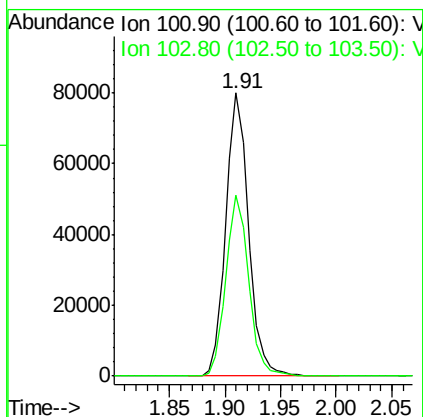
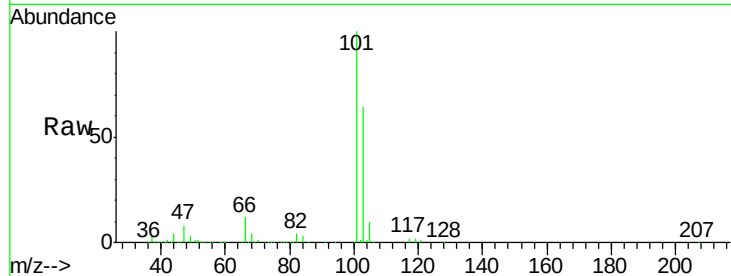
Trichlorofluoromethane
Concen: 20.607 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

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ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	53.2	79.8

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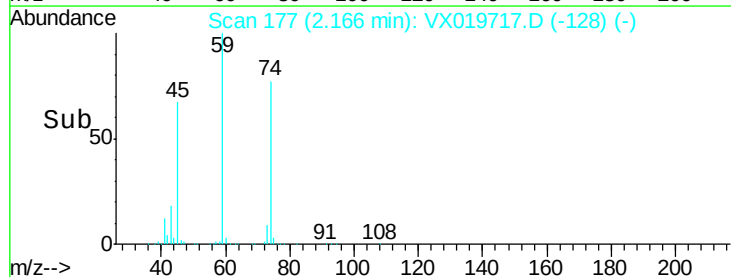
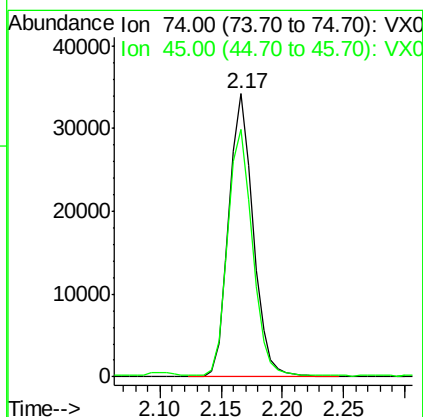
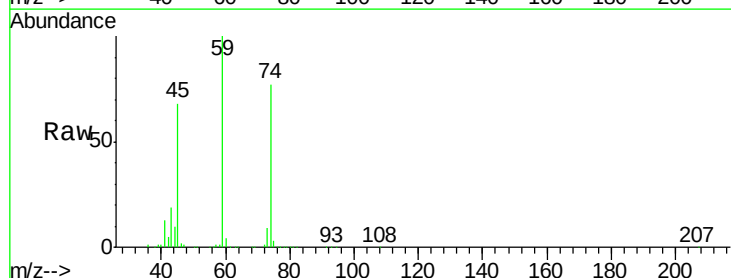
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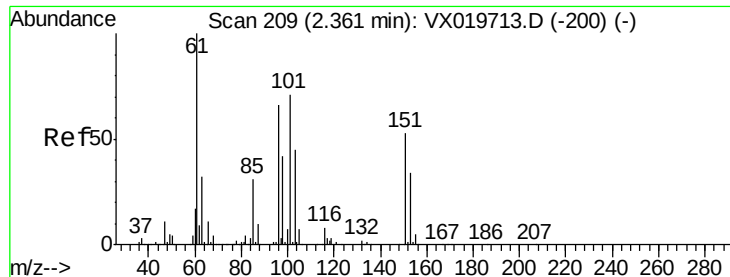


#8

Diethyl Ether
Concen: 20.176 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.7	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.733 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

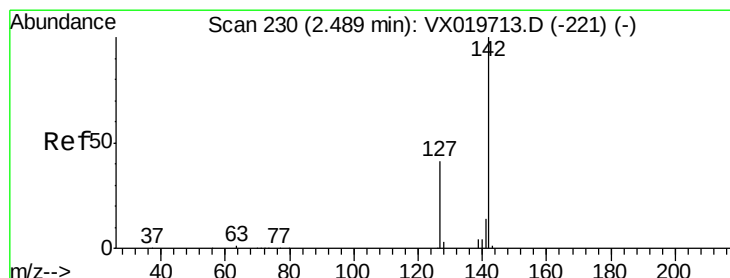
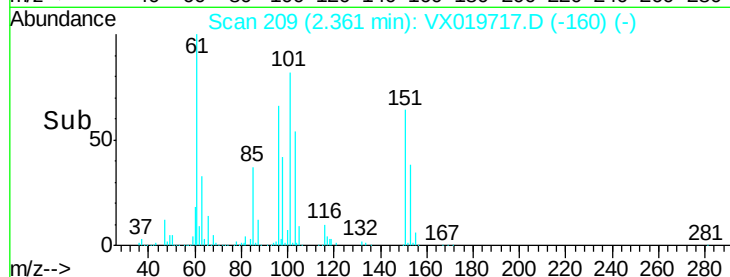
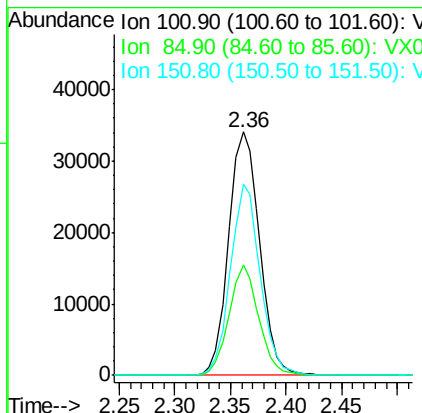
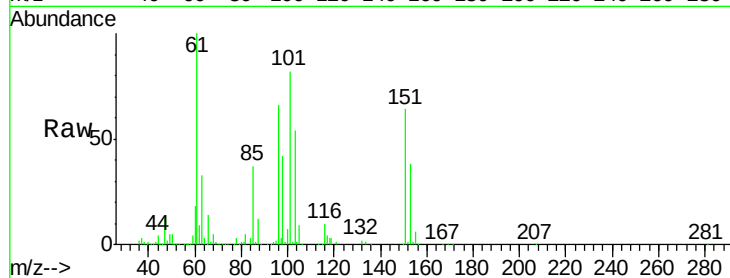
ClientSampled :

VSTDIC020

Tot Ion:	101	Resp:	65641
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.9	52.3
151	75.5	61.4	92.2

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#10

Methyl Iodide

Concen: 19.611 ug/l

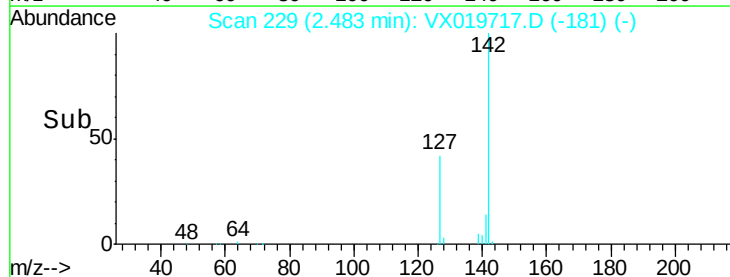
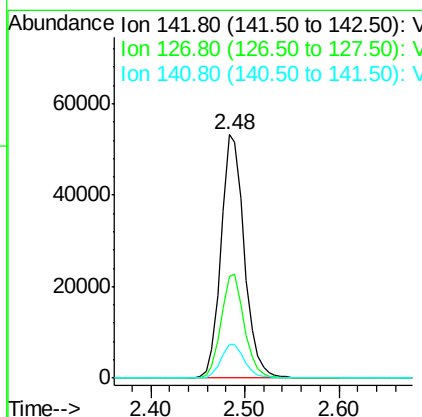
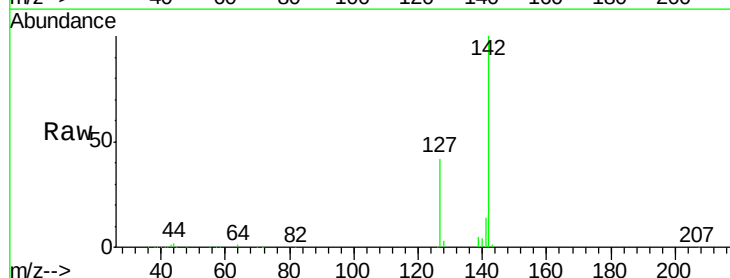
RT: 2.48 min Scan# 229

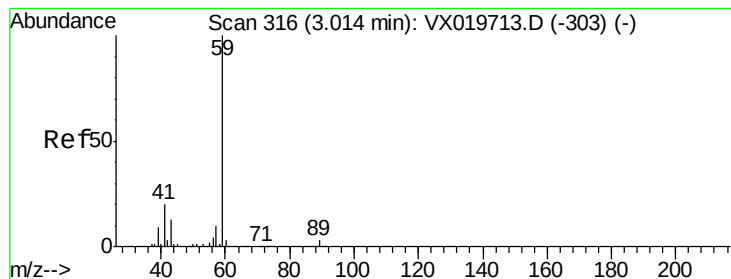
Delta R.T. -0.01 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Tgt Ion:	142	Resp:	91037
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.3	49.9
141	14.4	11.4	17.0





#11

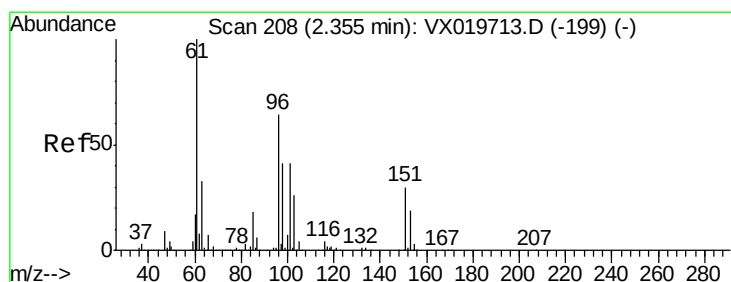
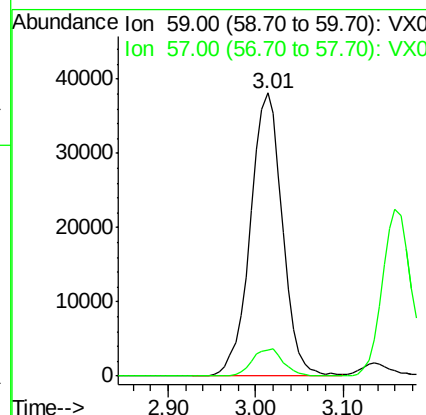
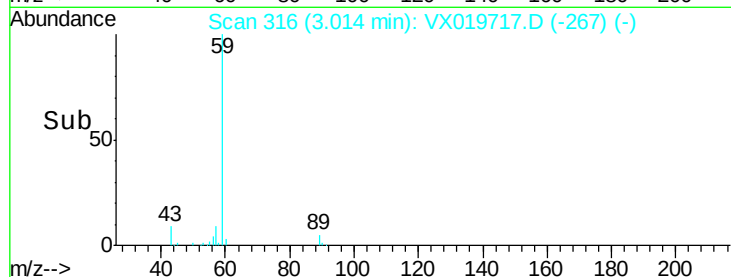
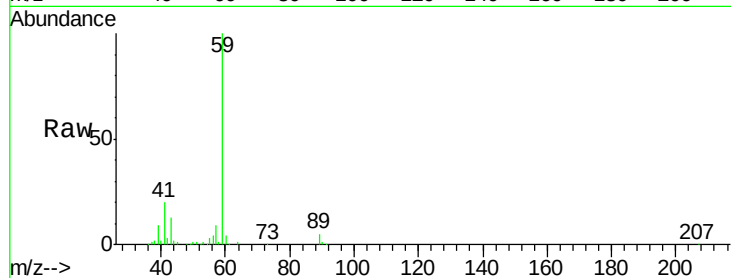
Tert butyl alcohol
Concen: 96.775 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	97168		
57	57	9.3		7.8	11.8

Manual Integrations
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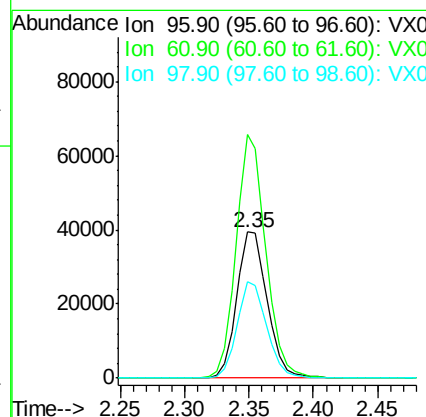
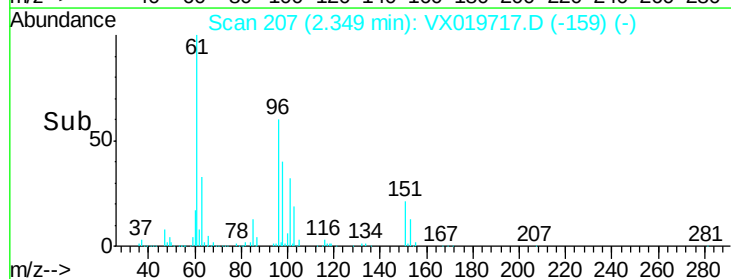
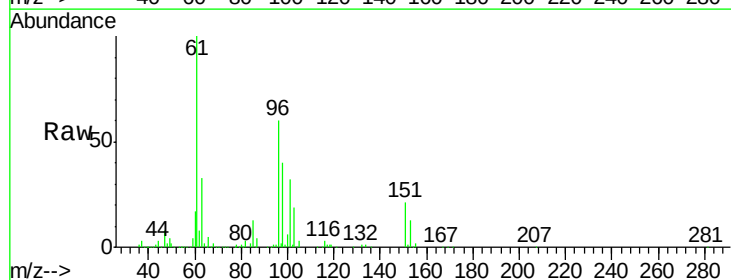
MMDadoda
12/7/2020 10:55:38 AM

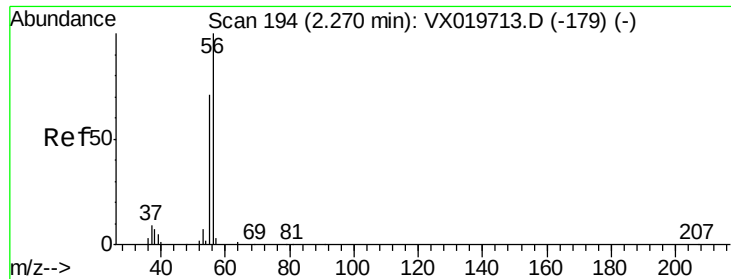


#12

1,1-Dichloroethene
Concen: 20.376 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	65089		
61	61	166.5		124.6	187.0
98	98	65.8		50.6	76.0





#13

Acrolein

Concen: 82.201 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 42217

Ion Ratio Lower Upper

56 100

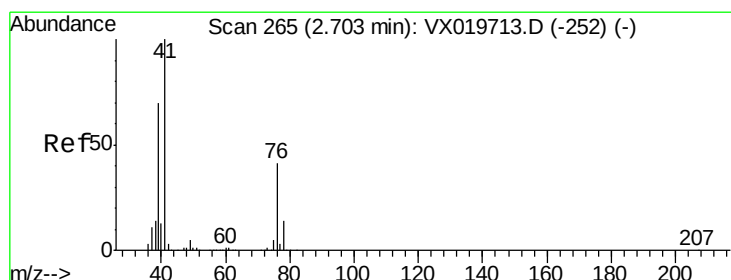
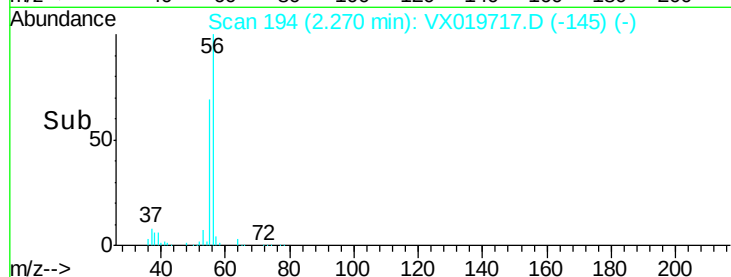
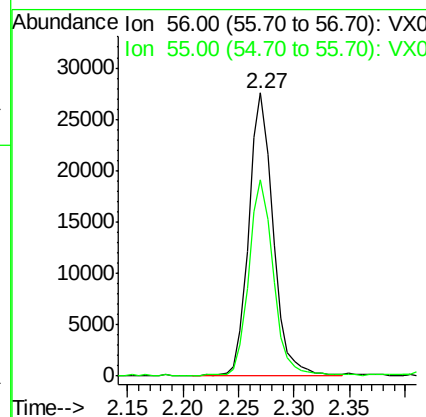
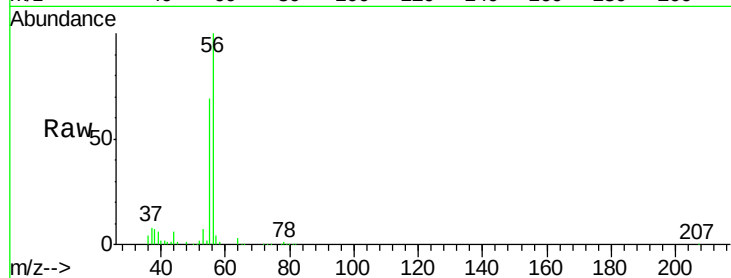
55 69.2 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 20.045 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

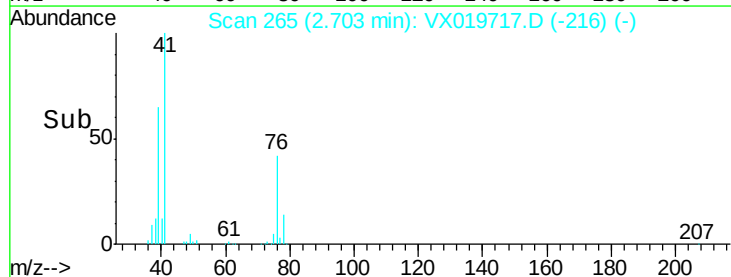
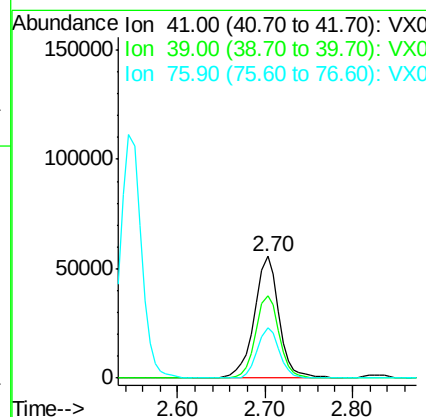
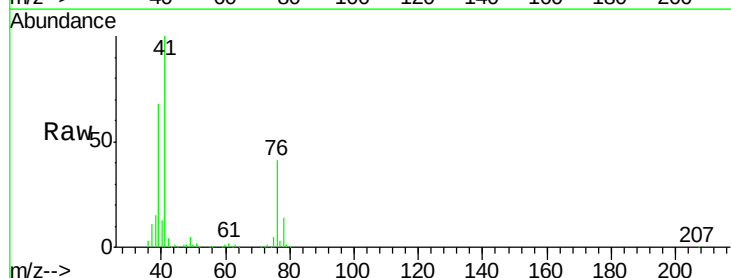
Tgt Ion: 41 Resp: 108502

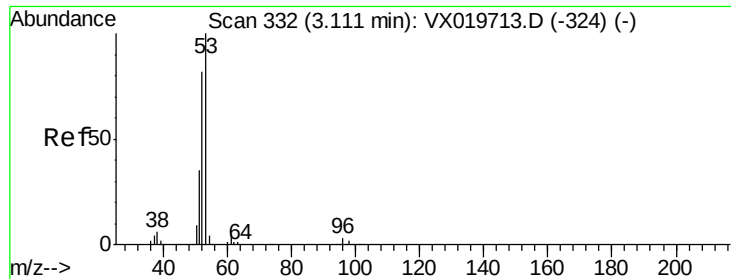
Ion Ratio Lower Upper

41 100

39 64.5 51.6 77.4

76 37.3 30.5 45.7





#15

Acrylonitrile

Concen: 99.582 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

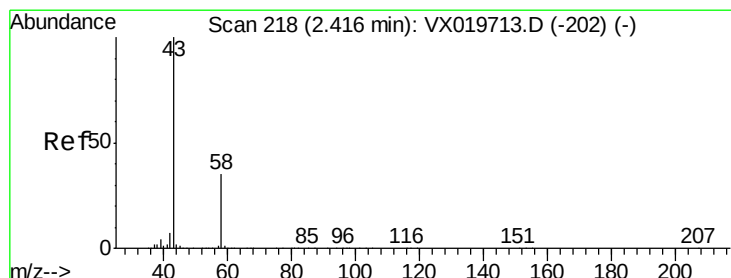
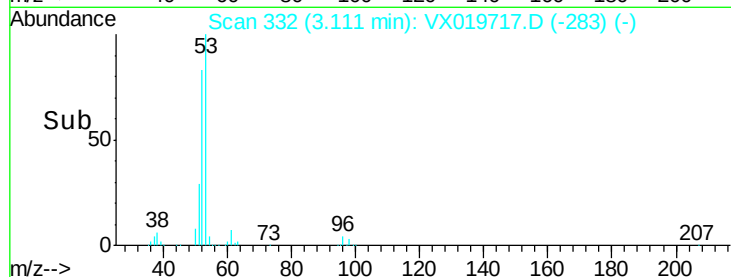
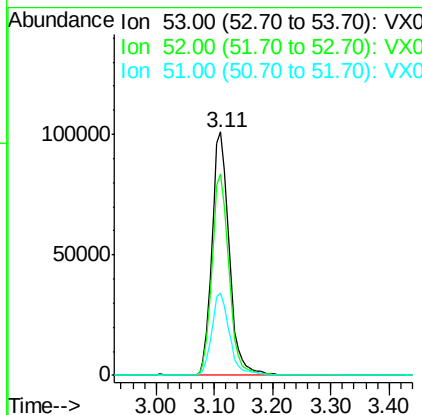
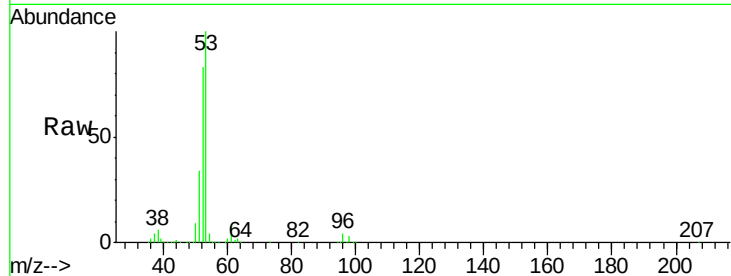
ClientSampled :

VSTDIC020

Tot Ion:	53	Resp:	207695
Ion Ratio	Lower	Upper	
53	100		
52	81.5	65.3	97.9
51	34.8	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 92.137 ug/l

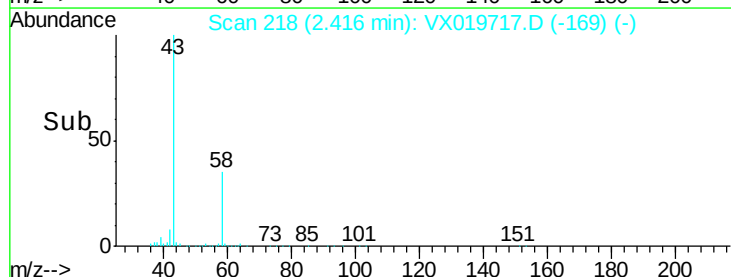
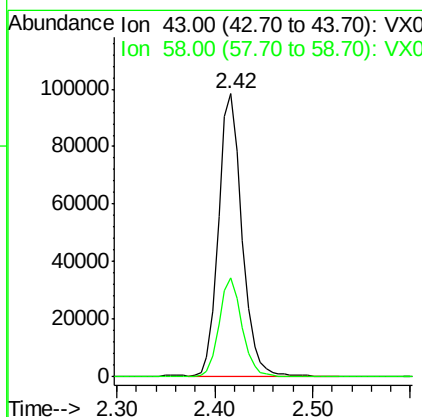
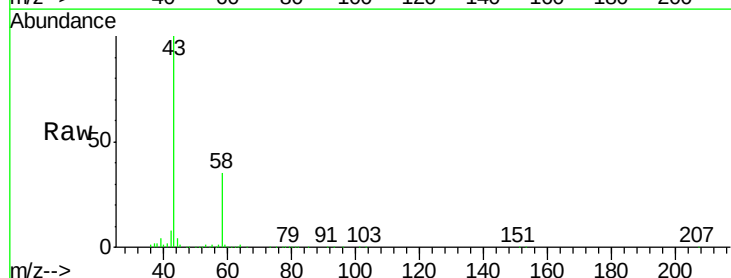
RT: 2.42 min Scan# 218

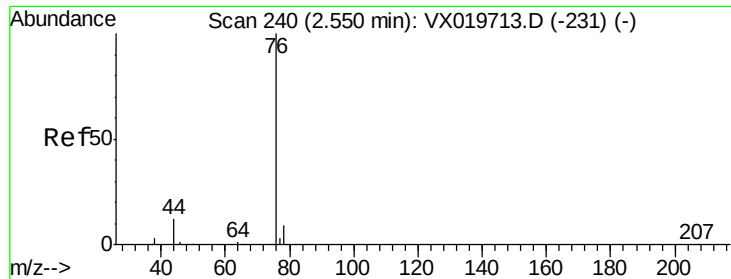
Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Tgt Ion:	43	Resp:	163055
Ion Ratio	Lower	Upper	
43	100		
58	35.1	27.8	41.8





#17

Carbon Disulfide

Concen: 20.099 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 182840

Ion Ratio Lower Upper

76 100

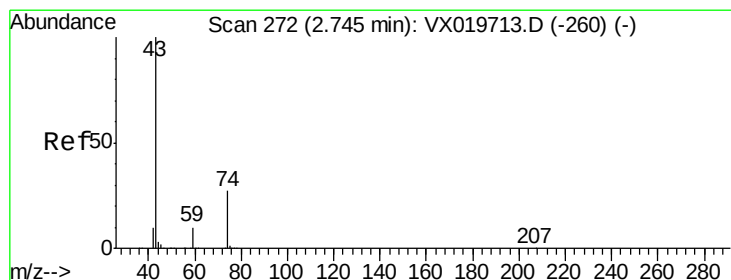
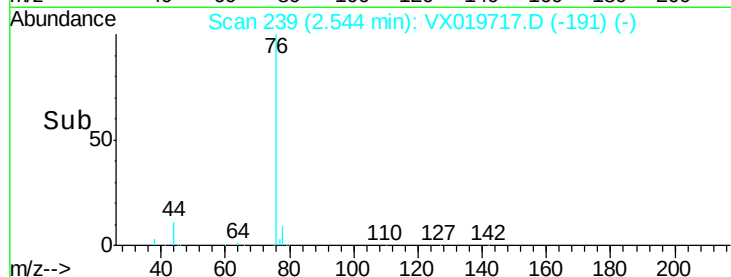
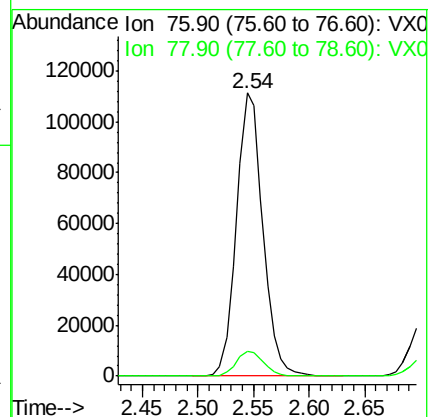
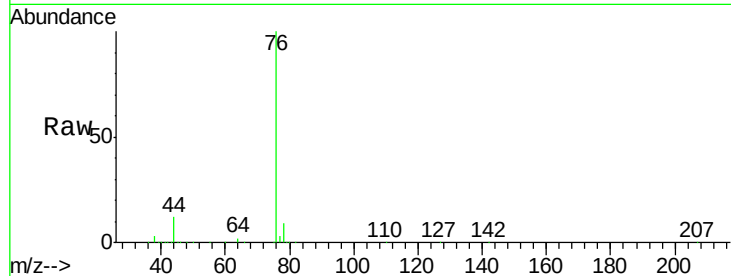
78 9.0 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 18.792 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019717.D

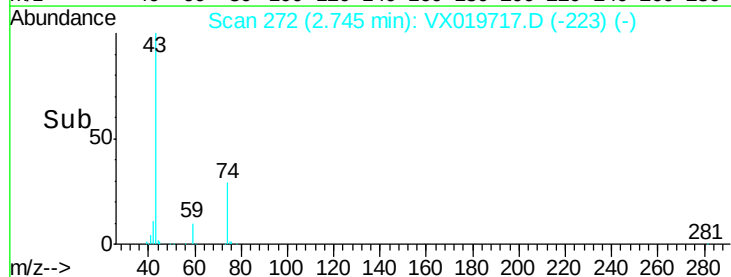
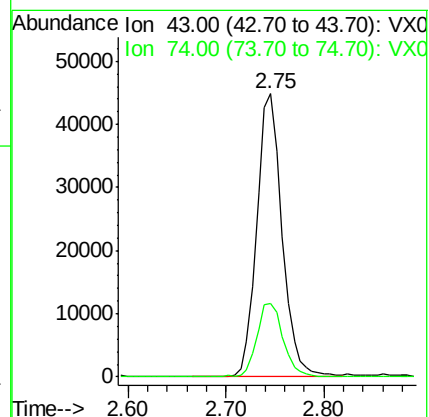
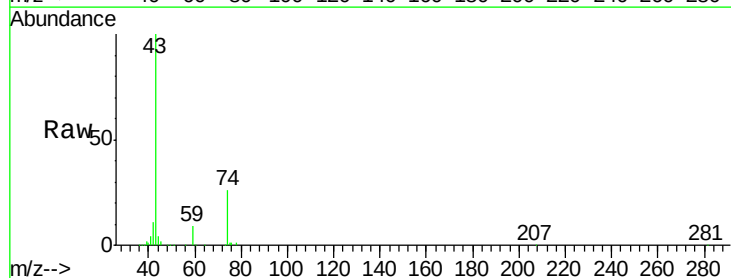
Acq: 04 Dec 2020 15:10

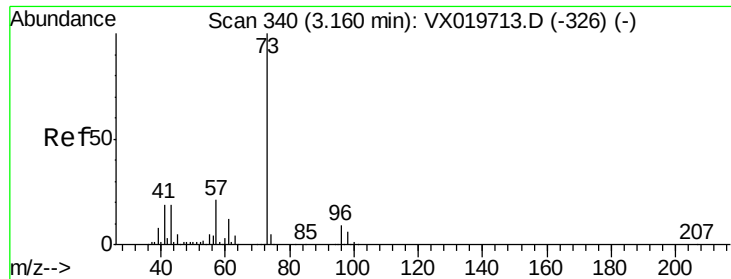
Tgt Ion: 43 Resp: 80140

Ion Ratio Lower Upper

43 100

74 27.4 21.9 32.9





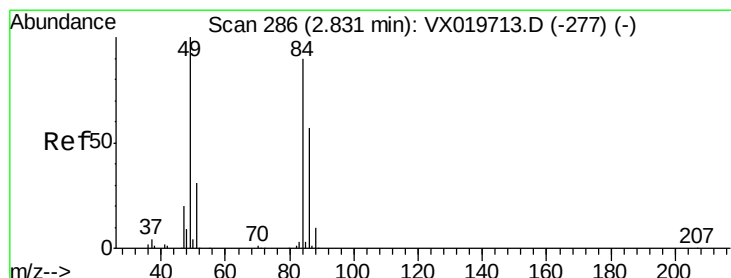
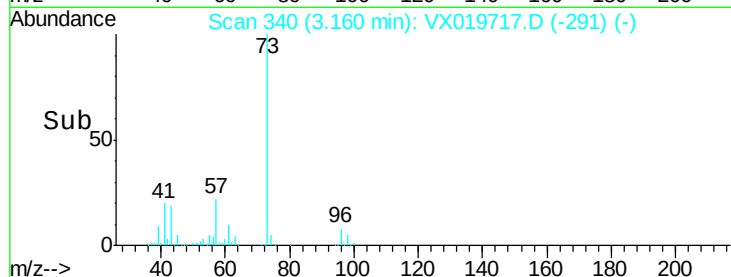
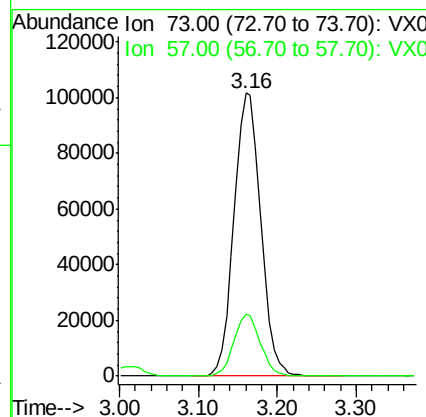
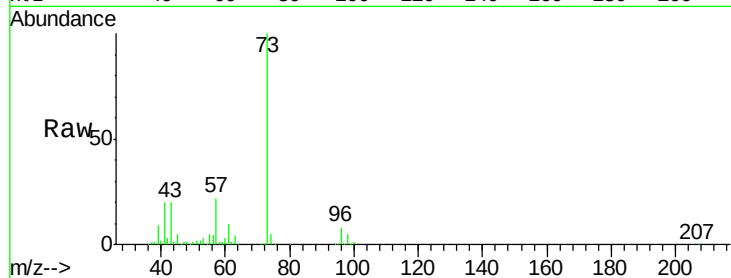
#19
Methvl tert-butyl Ether
Concen: 20.569 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 73 Resp: 240365
Ion Ratio Lower Upper
73 100
57 22.1 17.1 25.7

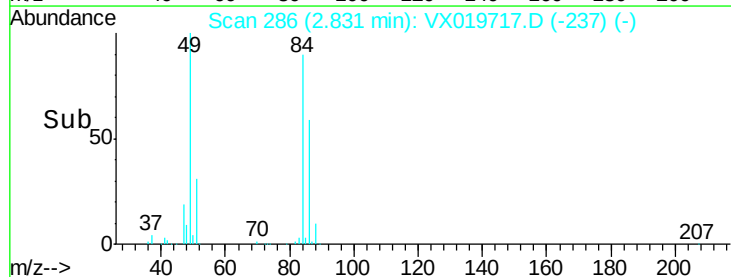
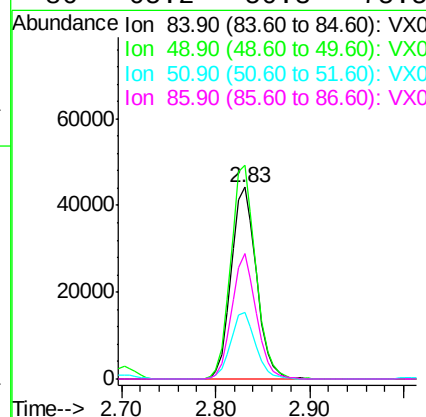
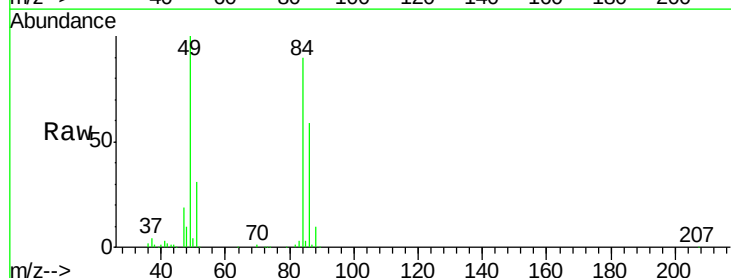
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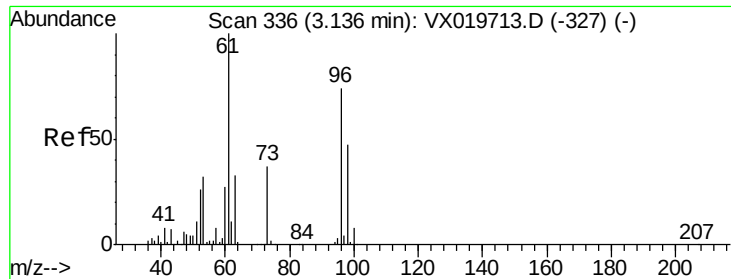
MMDadoda
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#20
Methylene Chloride
Concen: 18.449 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Tgt Ion: 84 Resp: 82443
Ion Ratio Lower Upper
84 100
49 111.3 88.6 132.8
51 34.8 27.0 40.6
86 65.2 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 20.528 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

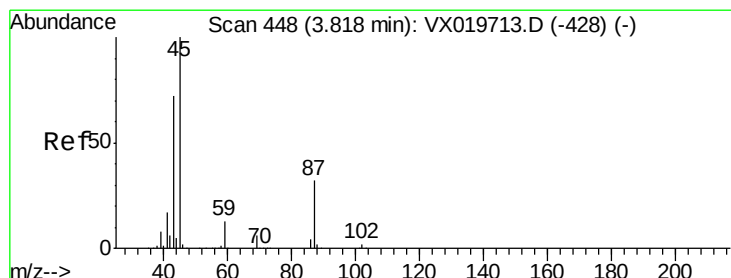
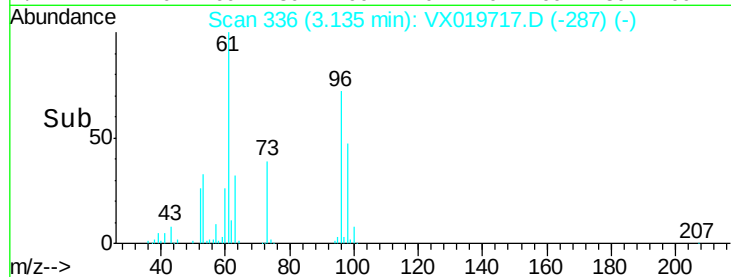
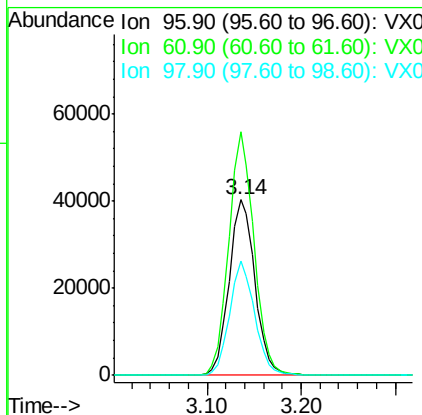
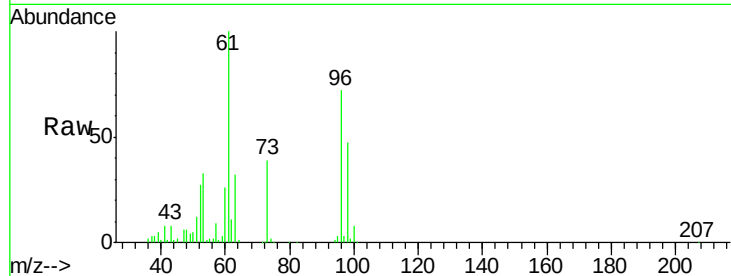
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	76618
Ion	Ratio	Lower	Upper
96	100		
61	138.8	107.7	161.5
98	65.4	50.4	75.6

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#22

Diisopropyl ether

Concen: 20.755 ug/l

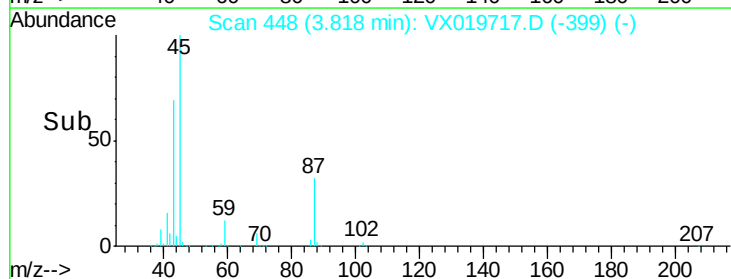
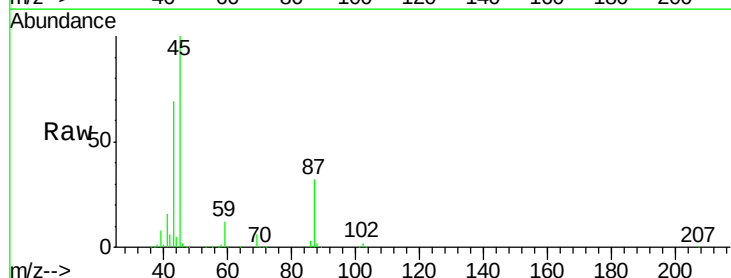
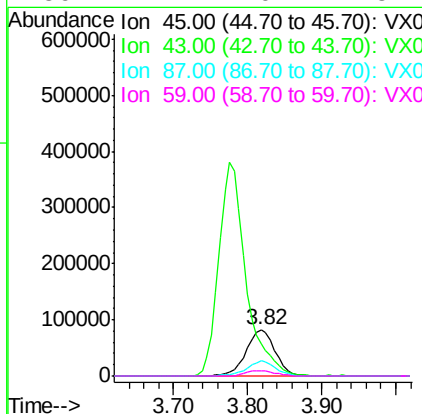
RT: 3.82 min Scan# 448

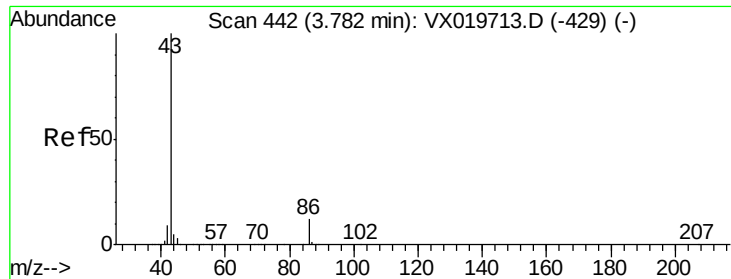
Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Tgt Ion:	45	Resp:	227167
Ion	Ratio	Lower	Upper
45	100		
43	69.0	58.0	87.0
87	31.9	25.4	38.0
59	12.4	10.2	15.2





#23

Vinyl Acetate

Concen: 103.364 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 965048

Ion Ratio Lower Upper

43 100

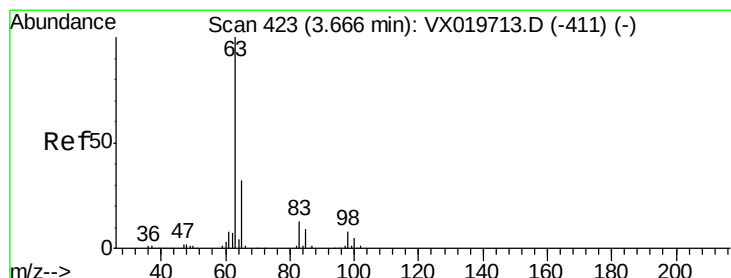
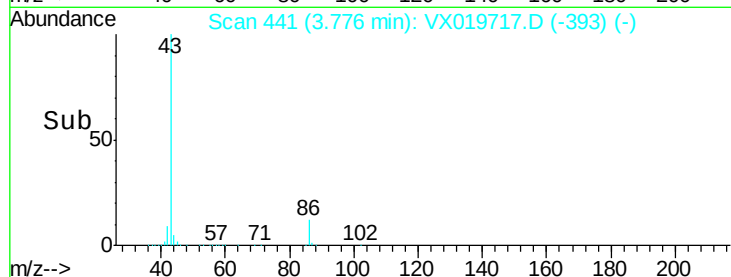
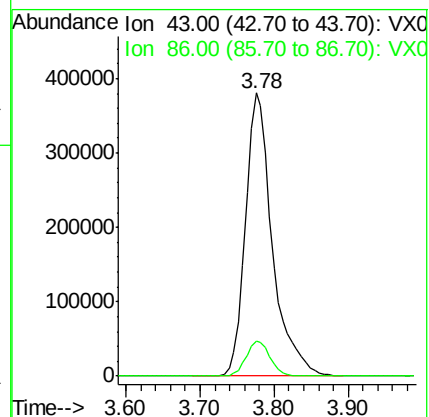
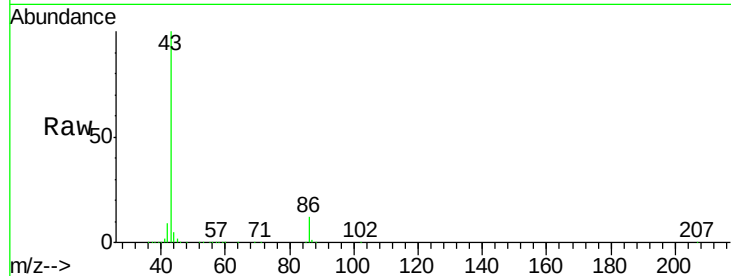
86 12.5 9.9 14.9

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#24

1,1-Dichloroethane

Concen: 20.404 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

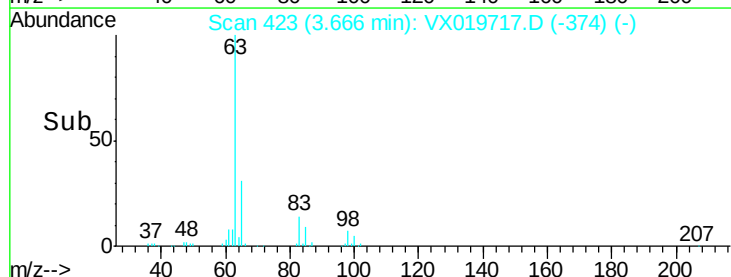
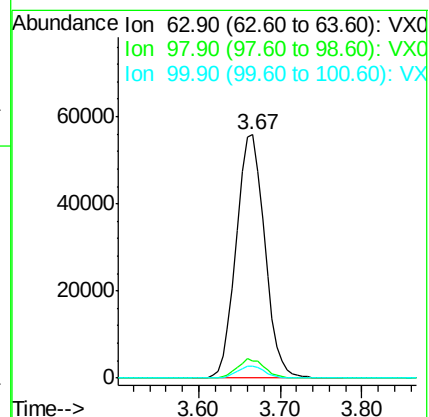
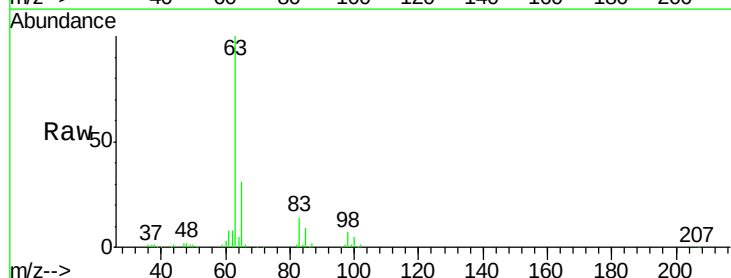
Tgt Ion: 63 Resp: 134629

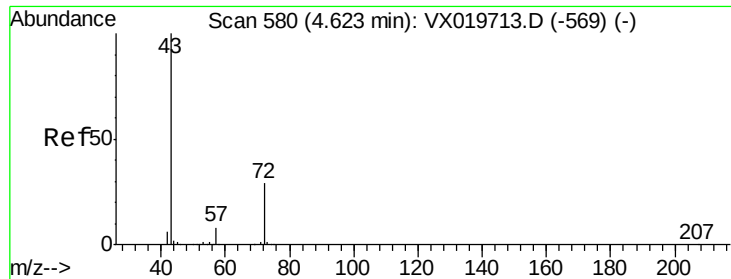
Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.2

100 4.8 2.5 7.5





#25

2-Butanone

Concen: 96.637 ug/l

RT: 4.62 min Scan# 580

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 259283

Ion Ratio Lower Upper

43 100

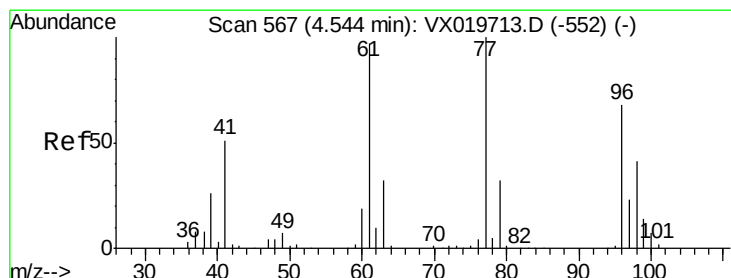
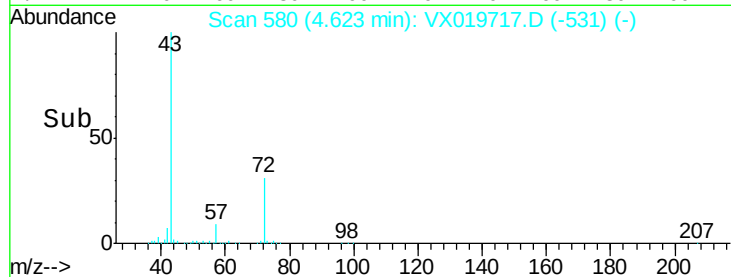
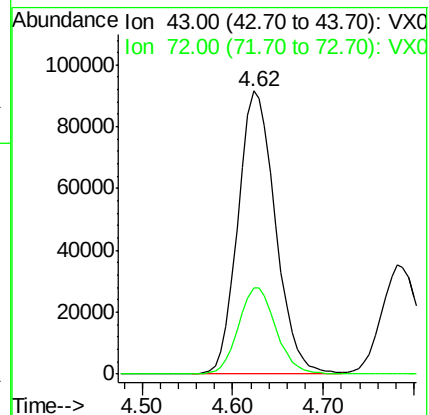
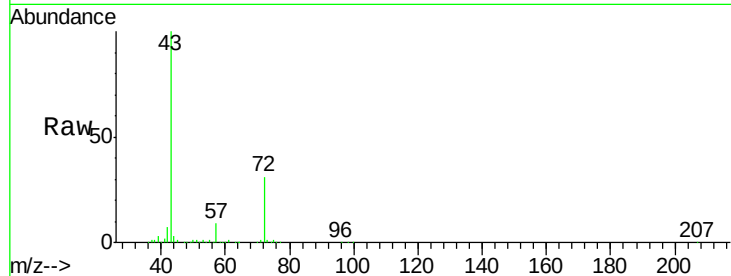
72 30.6 23.7 35.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.368 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019717.D

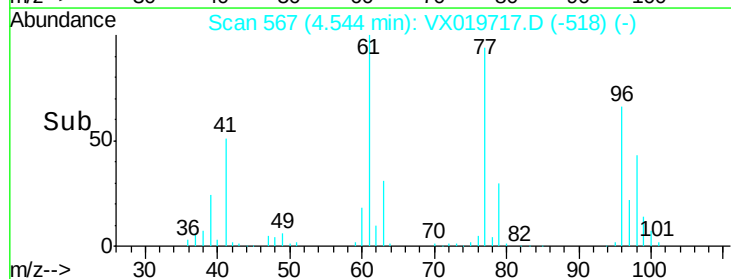
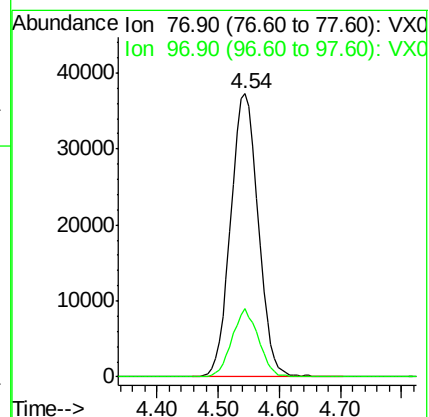
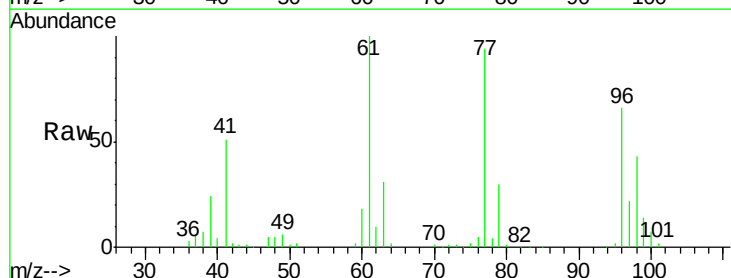
Acq: 04 Dec 2020 15:10

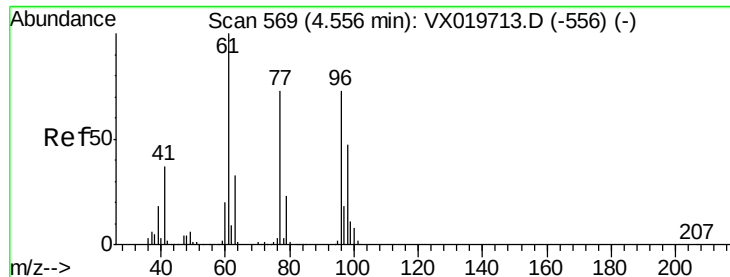
Tgt Ion: 77 Resp: 115833

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.1





#27

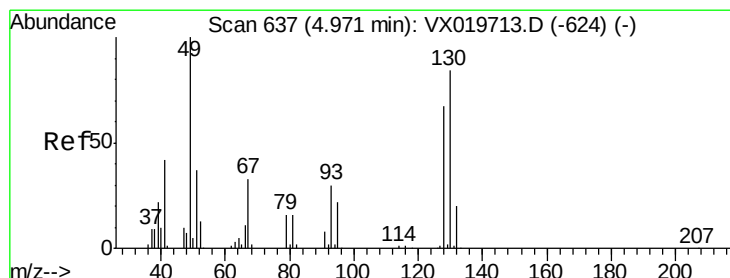
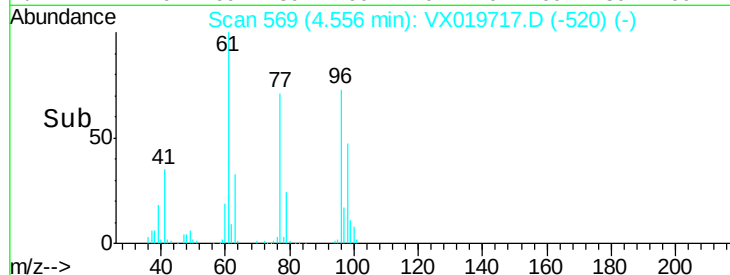
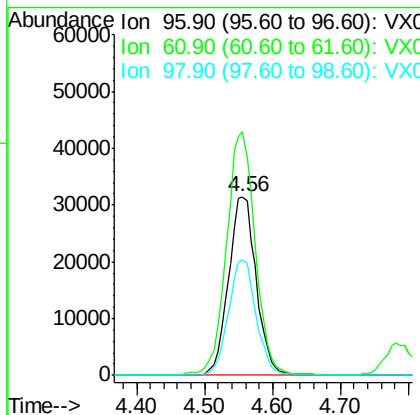
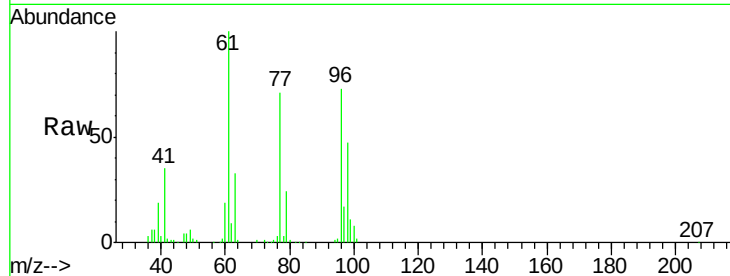
cis-1,2-Dichloroethene
Concen: 20.195 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	142.4	0.0	285.6	
98	64.5	0.0	129.6	

Manual Integrations
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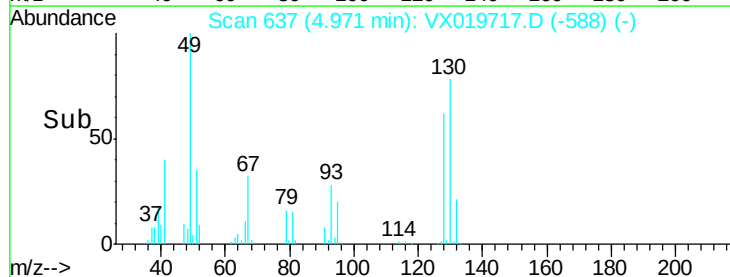
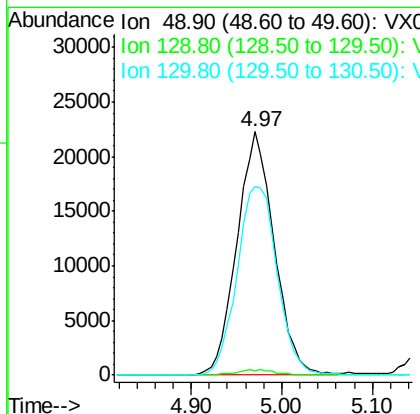
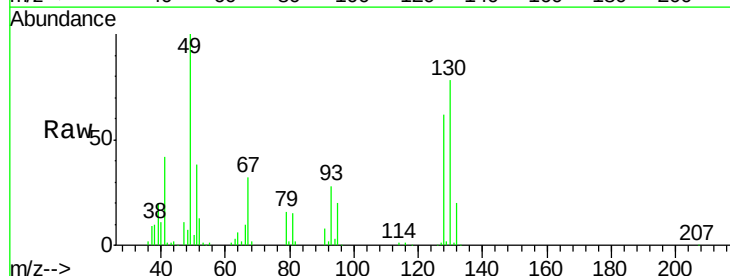
MMDadoda
12/7/2020 10:55:38 AM

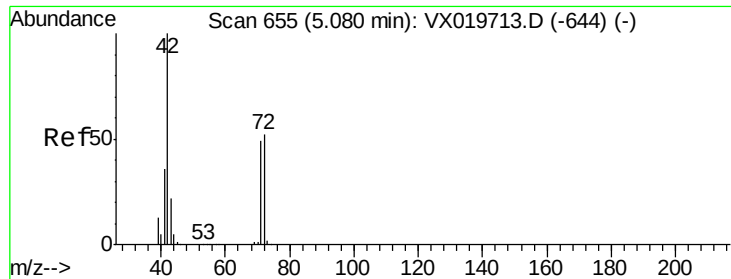


#28

Bromochloromethane
Concen: 19.884 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.1	0.0	4.0	
130	83.6	68.2	102.2	





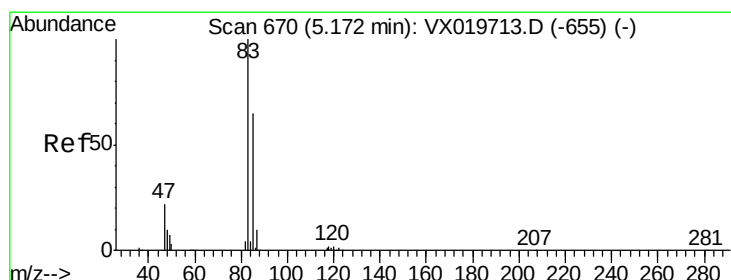
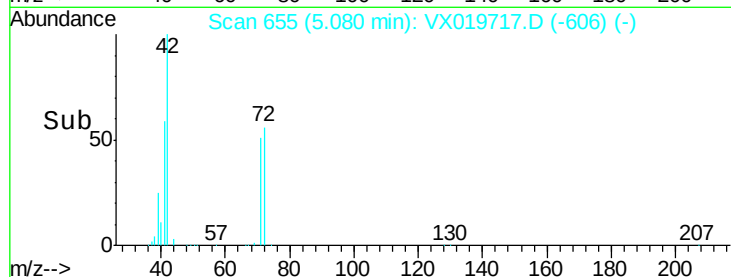
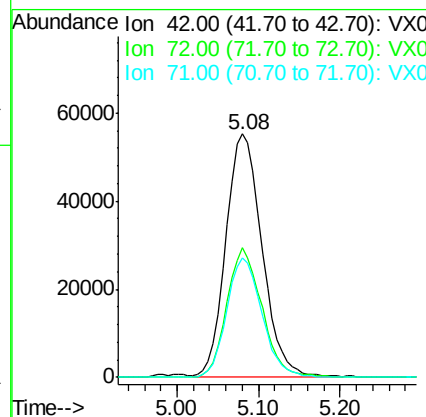
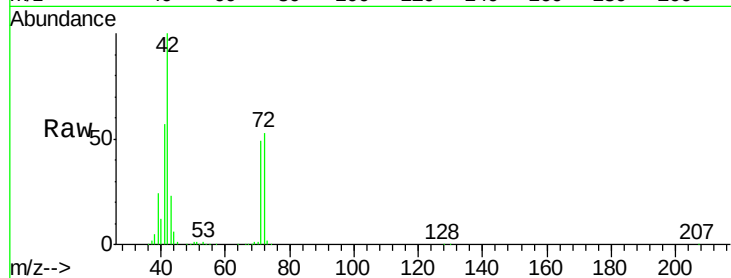
#29
Tetrahydrofuran
Concen: 98.099 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.2	41.7	62.5
71	48.2	38.4	57.6

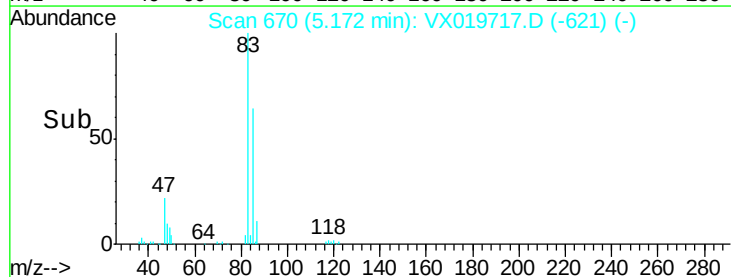
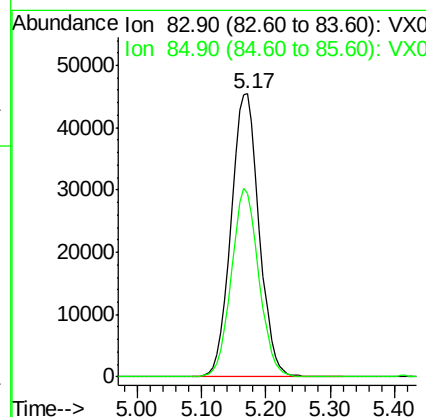
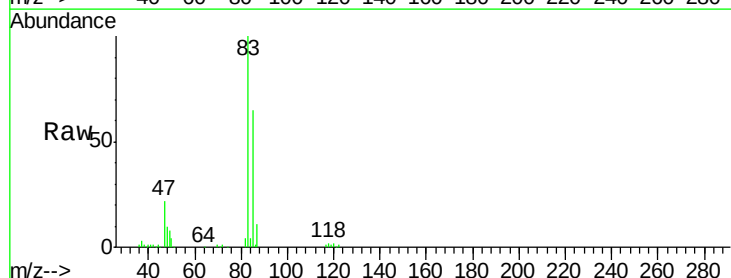
Manual Integrations
APPROVED

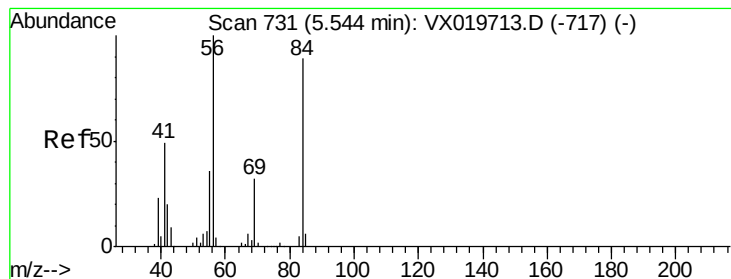
MMDadoda
12/7/2020 10:55:38 AM



#30
Chloroform
Concen: 20.391 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.0	78.0





#31

Cyclohexane

Concen: 21.061 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

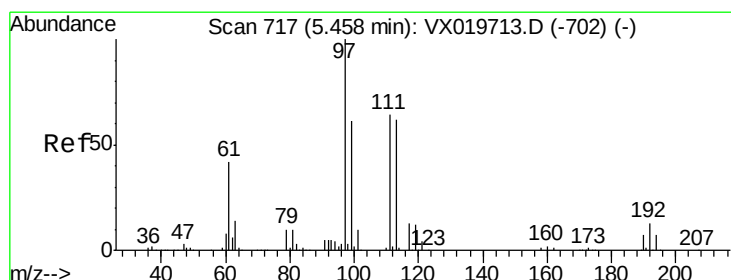
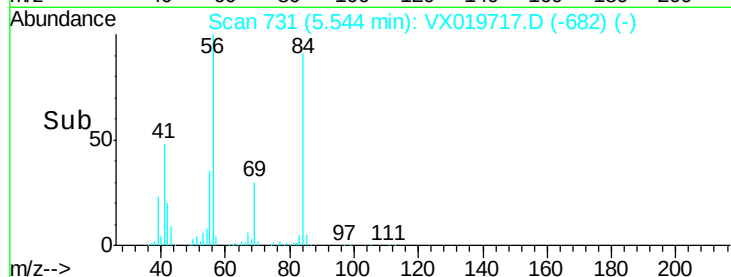
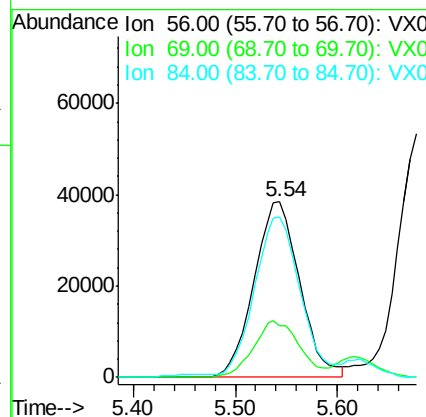
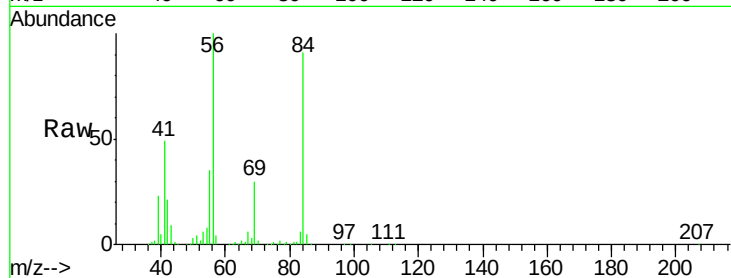
ClientSampleId :

VSTDIC020

Tot Ion:	56	Resp:	119609
Ion Ratio	Lower	Upper	
56	100		
69	29.8	25.3	37.9
84	89.9	71.4	107.0

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:55:38 AM



#32

1,1,1-Trichloroethane

Concen: 20.422 ug/l

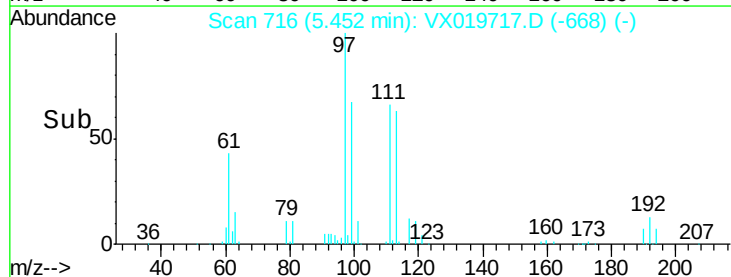
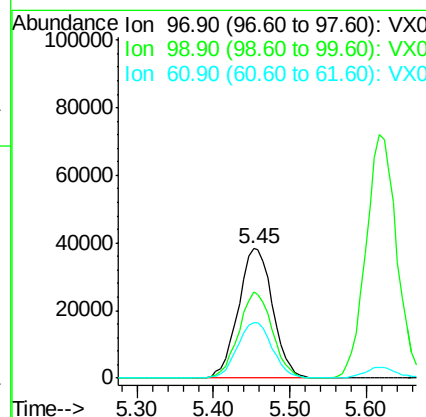
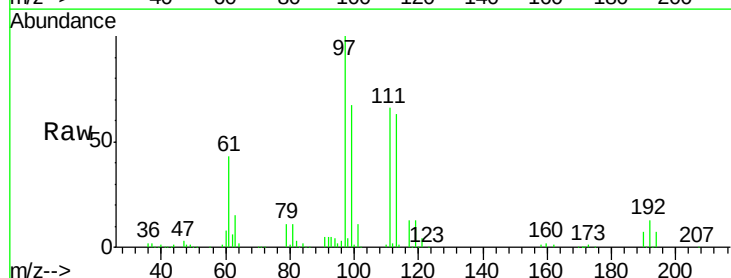
RT: 5.45 min Scan# 716

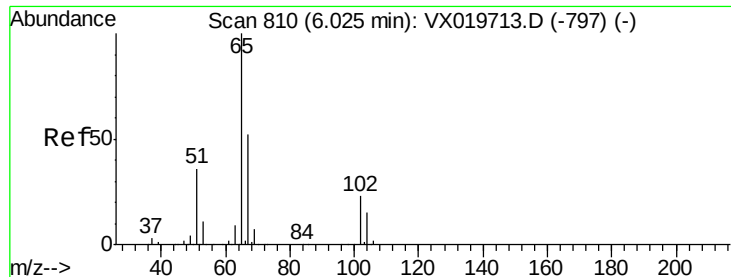
Delta R.T. -0.01 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Tgt Ion:	97	Resp:	119311
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.5	77.3
61	43.6	34.2	51.4





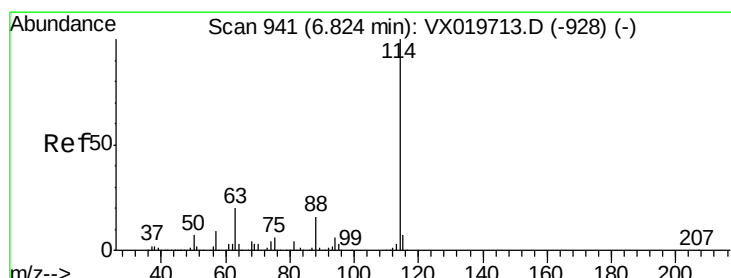
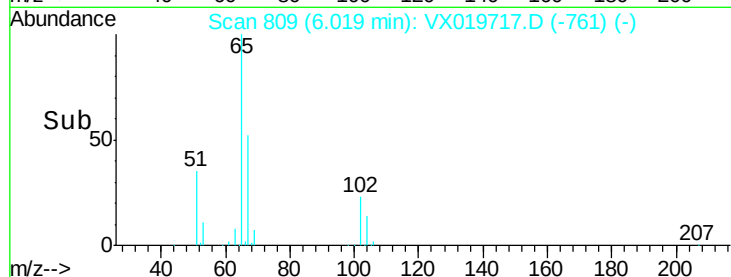
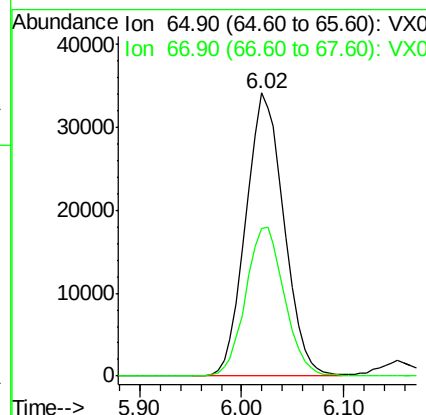
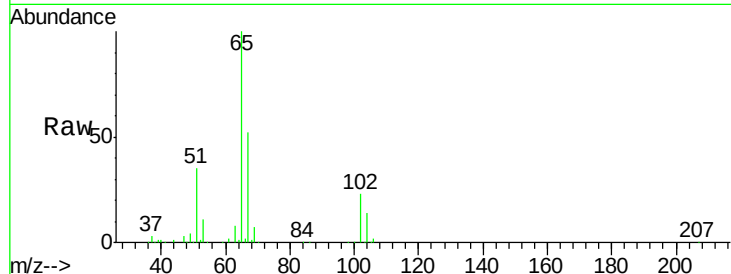
#33
 1,2-Dichloroethane-d4
 Concen: 18.986 ug/l
 RT: 6.02 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.4

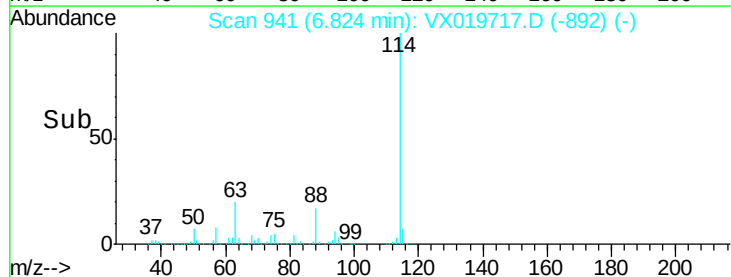
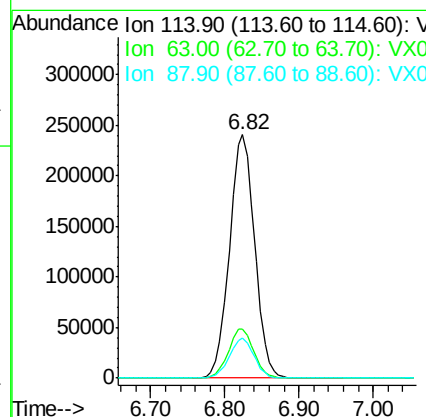
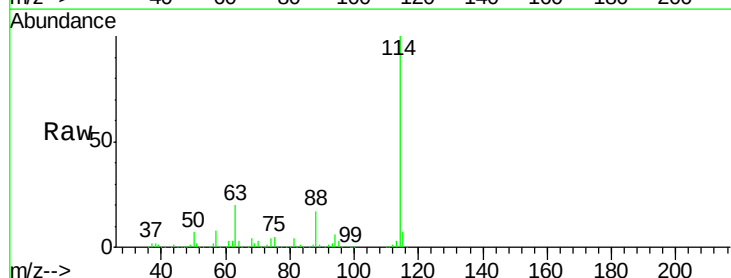
Manual Integrations
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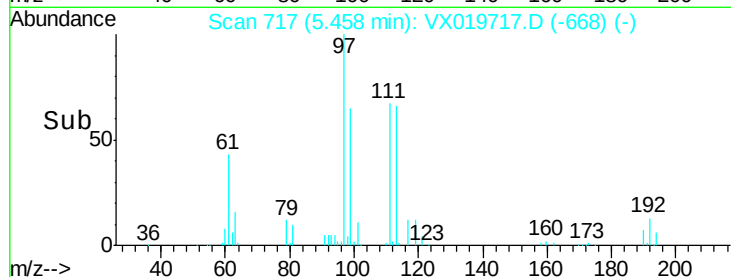
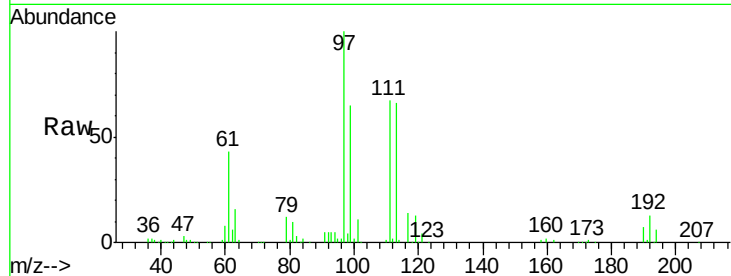
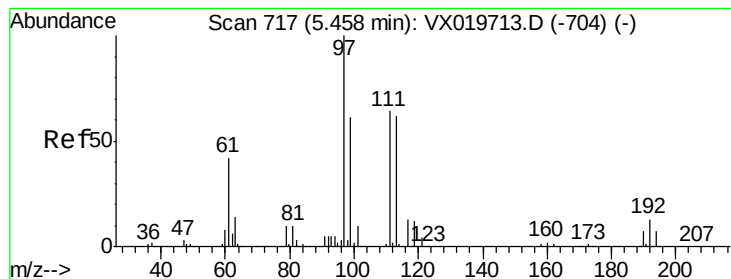
MMDadoda
 12/7/2020 10:55:38 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.8
88	16.7	0.0	32.8





#35

Dibromofluoromethane

Concen: 19.741 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Tot Ion:	113	Resp:	72440
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	20.9	16.7	25.1

Instrument :

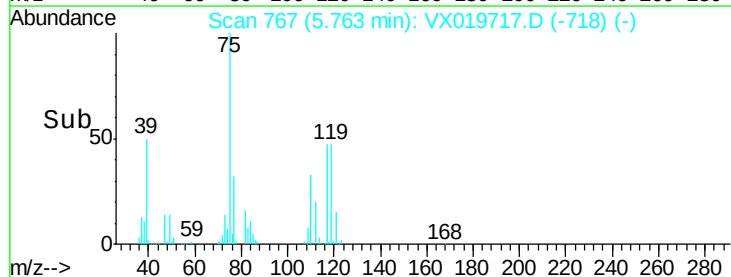
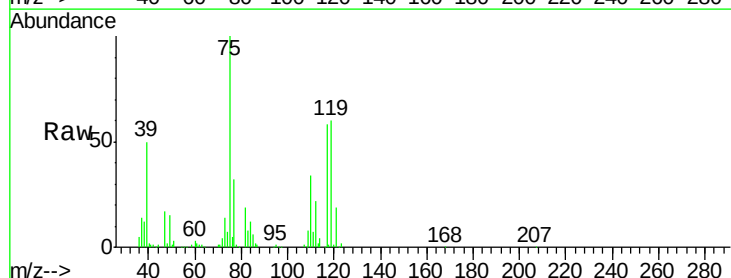
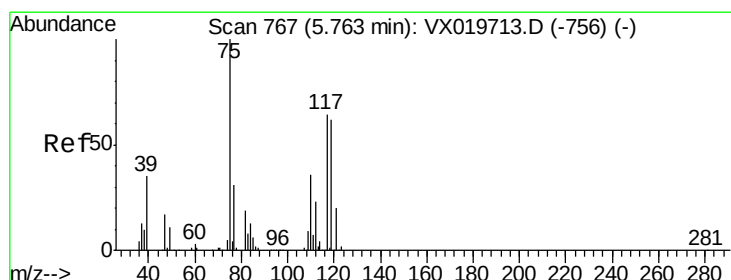
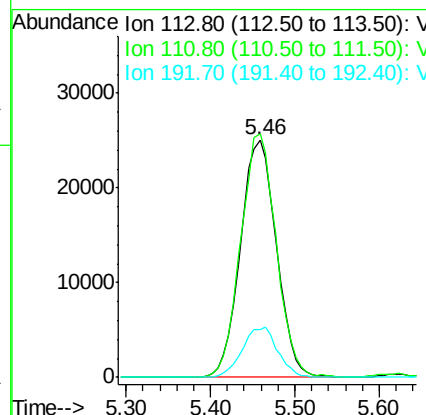
MSVOA_X

ClientSampleId :

VSTDIC020

Manual Integrations
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12/7/2020 10:55:38 AM



#36

1,1-Dichloropropene

Concen: 21.038 ug/l

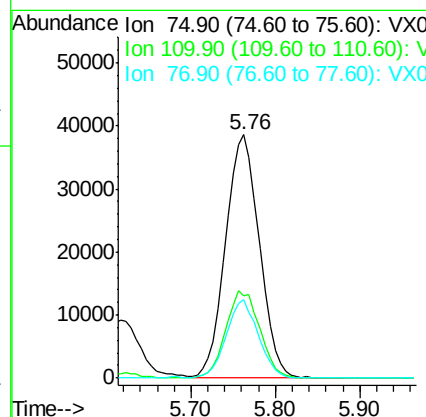
RT: 5.76 min Scan# 767

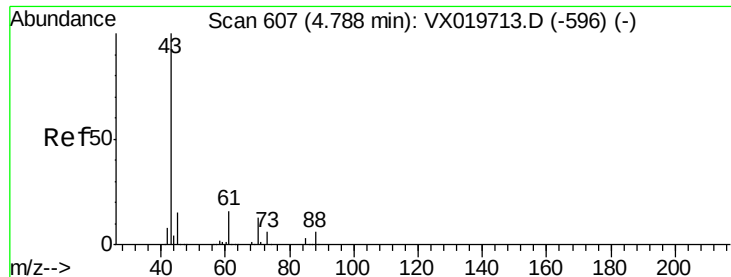
Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Tgt Ion:	75	Resp:	105673
Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.1	54.4
77	30.8	25.3	37.9





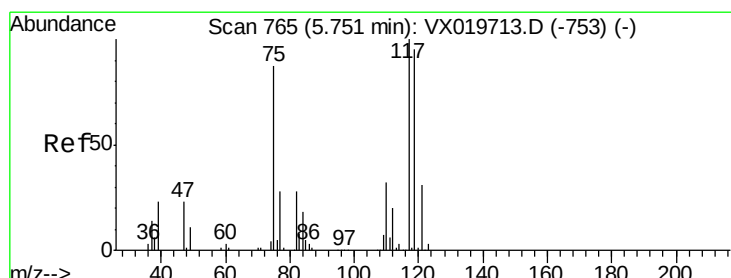
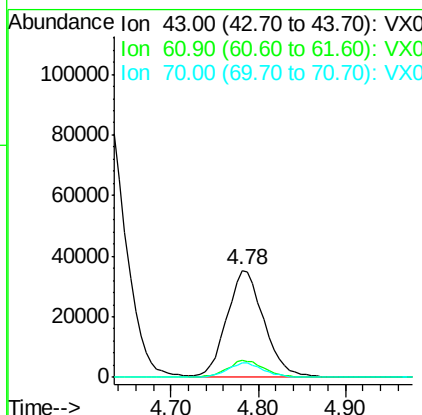
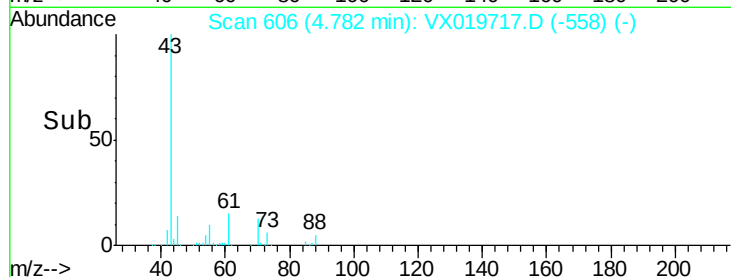
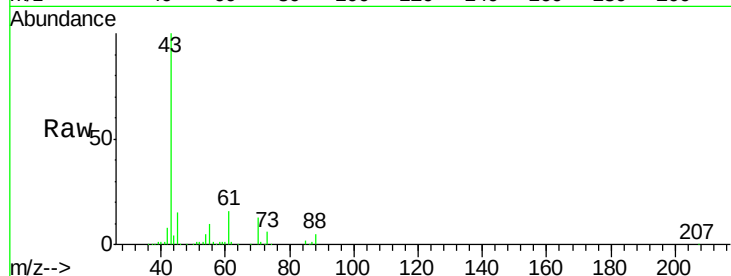
#37
Ethyl Acetate
Concen: 20.060 ug/l
RT: 4.78 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.8	19.2
70	13.3	10.5	15.7

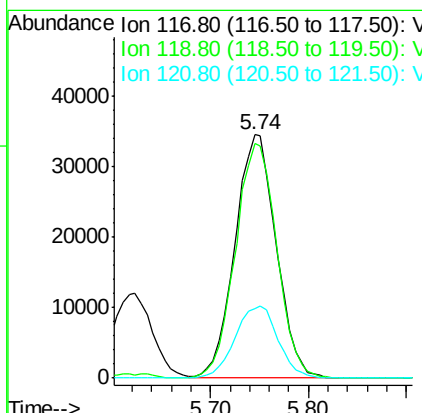
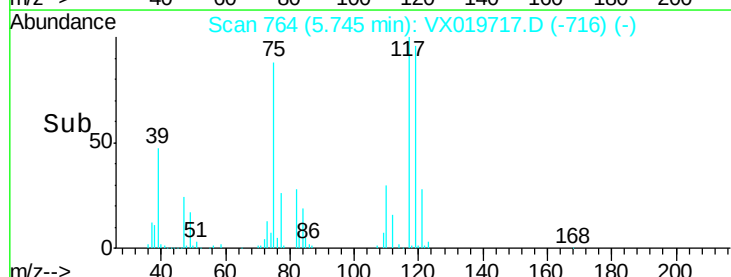
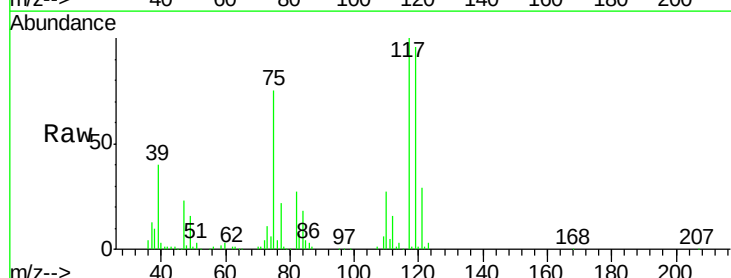
Manual Integrations
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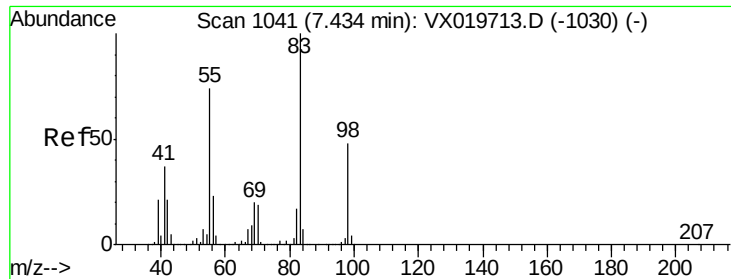
MMDadoda
12/7/2020 10:55:38 AM



#38
Carbon Tetrachloride
Concen: 20.523 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.2	114.2
121	28.8	24.8	37.2





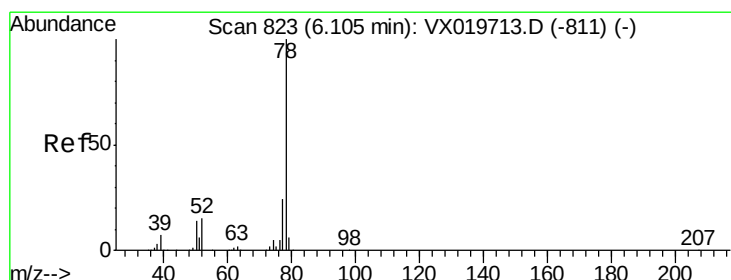
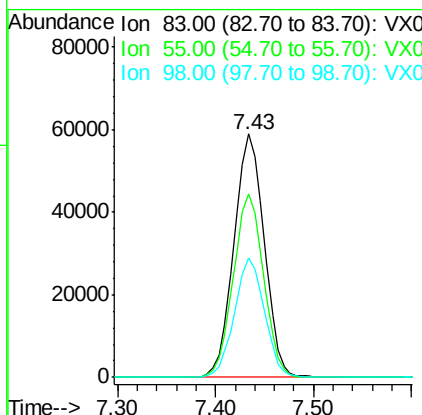
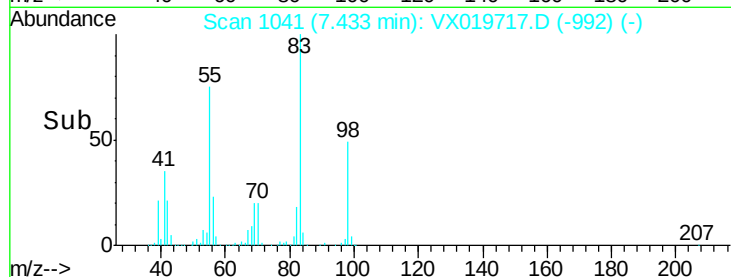
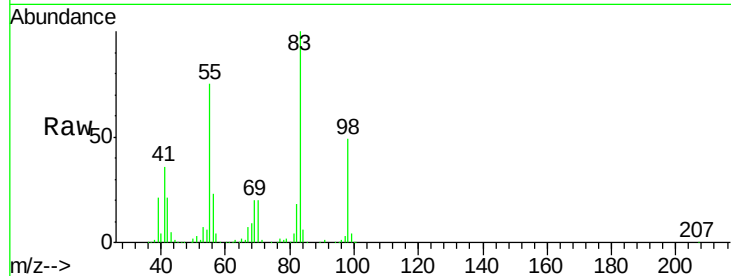
#39
Methylvlcyclohexane
Concen: 21.691 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
83	100	127288		
55	75.1		58.9	88.3
98	48.9		38.1	57.1

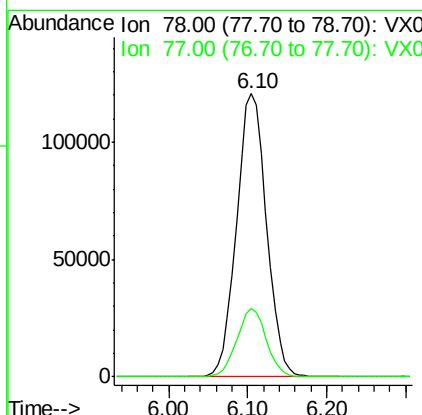
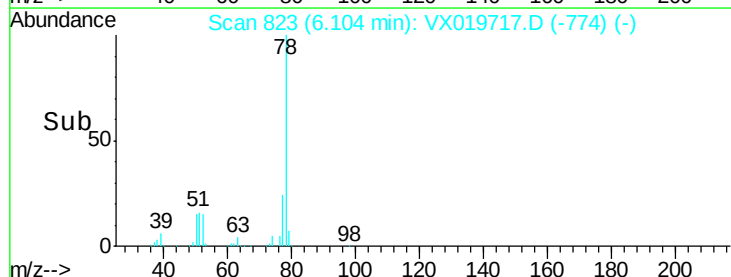
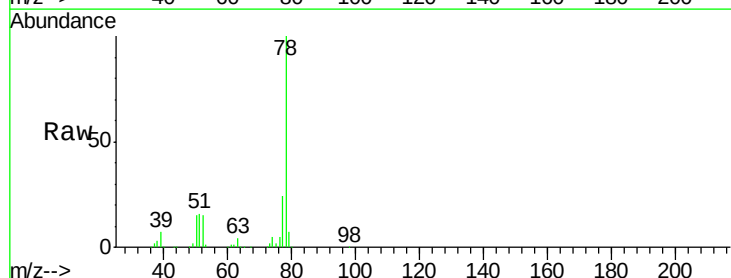
Manual Integrations
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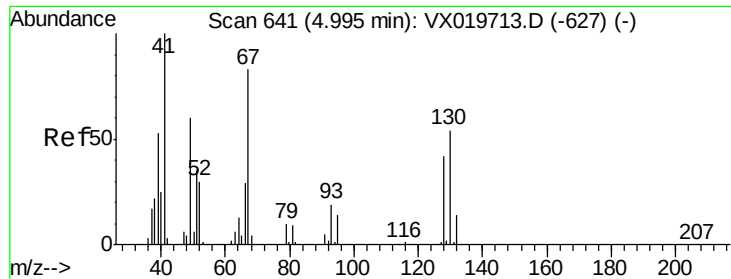
MMDadoda
12/7/2020 10:55:38 AM



#40
Benzene
Concen: 20.762 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	319044		
77	24.1		18.9	28.3





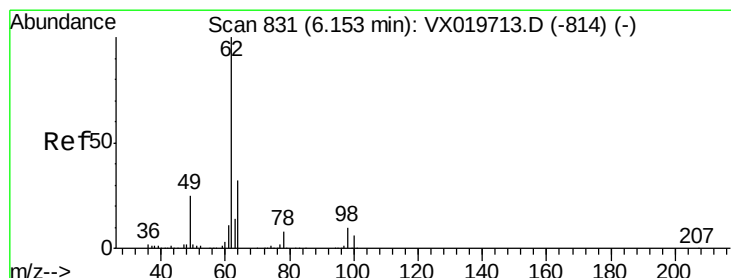
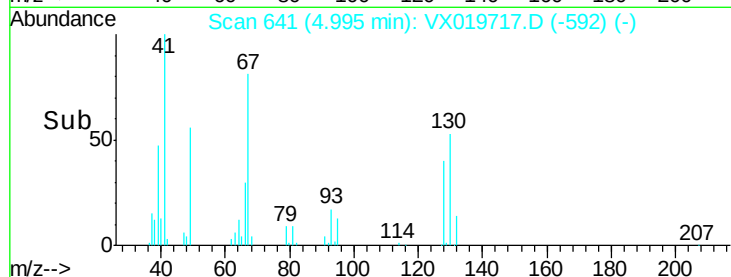
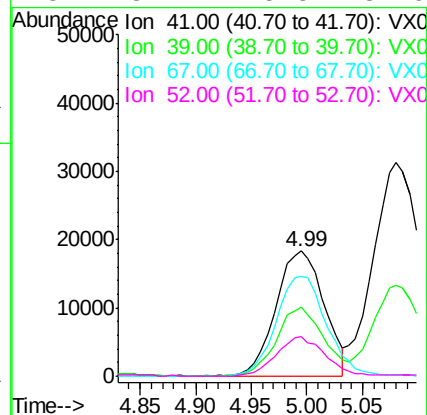
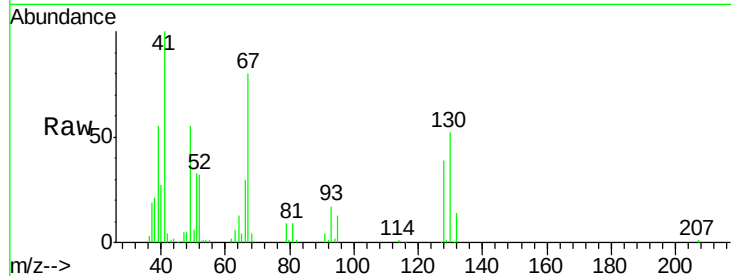
#41
Methacrylonitrile
Concen: 19.485 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.5	63.7
67	84.4	65.0	97.6
52	32.7	25.3	37.9

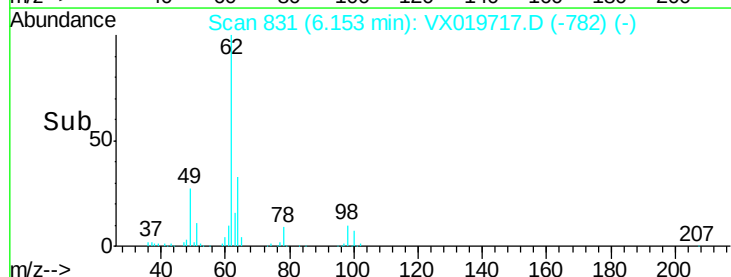
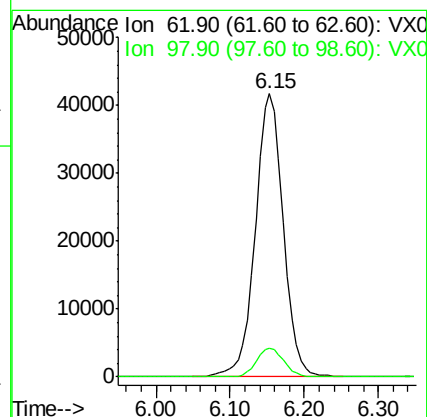
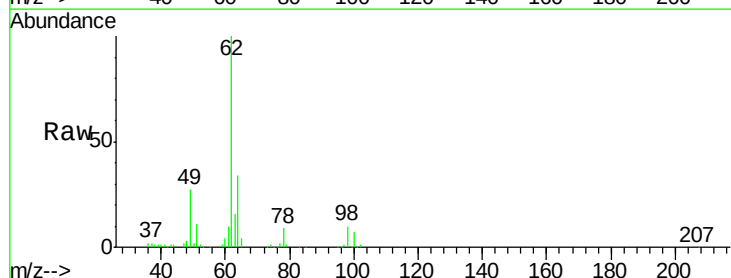
Manual Integrations
APPROVED

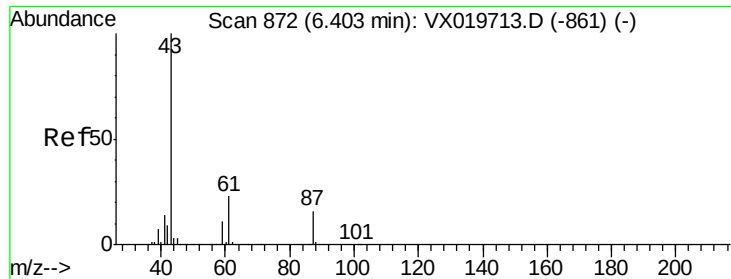
MMDadoda
12/7/2020 10:55:38 AM



#42
1,2-Dichloroethane
Concen: 20.881 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2





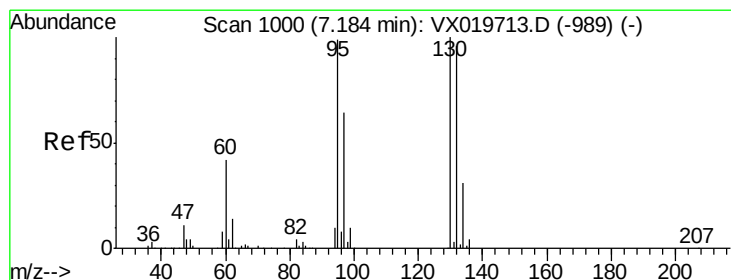
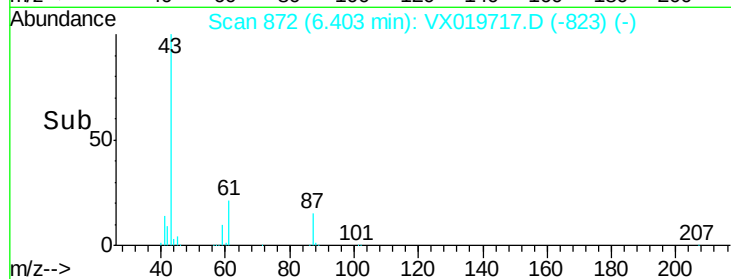
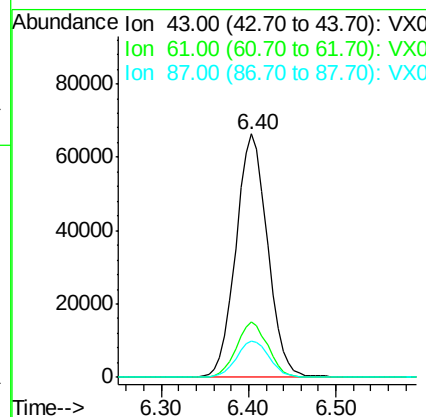
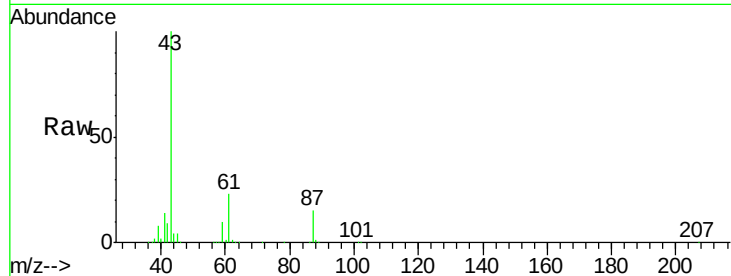
#43
Isopropyl Acetate
Concen: 19.979 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.2	27.4
87	15.5	12.5	18.7

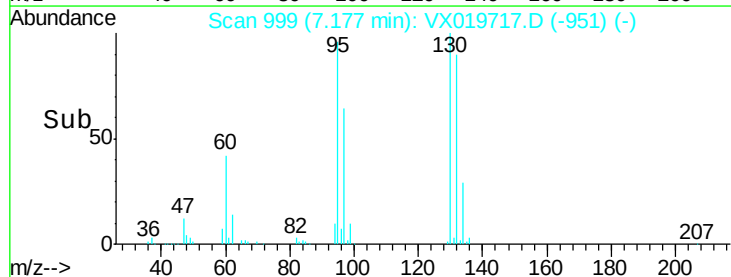
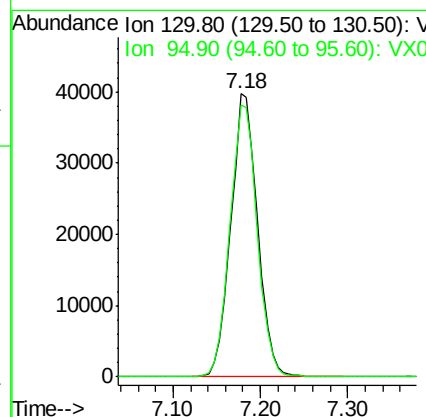
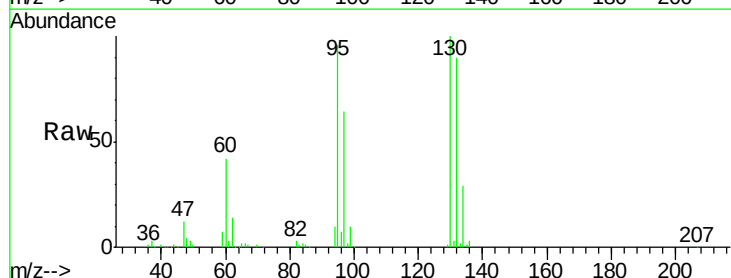
Manual Integrations
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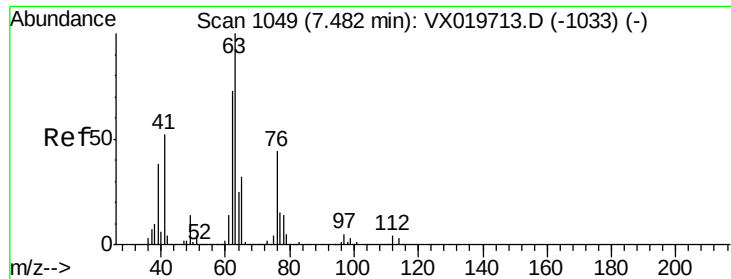
MMDadoda
12/7/2020 10:55:38 AM



#44
Trichloroethene
Concen: 20.947 ug/l
RT: 7.18 min Scan# 999
Delta R.T. -0.01 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	198.0





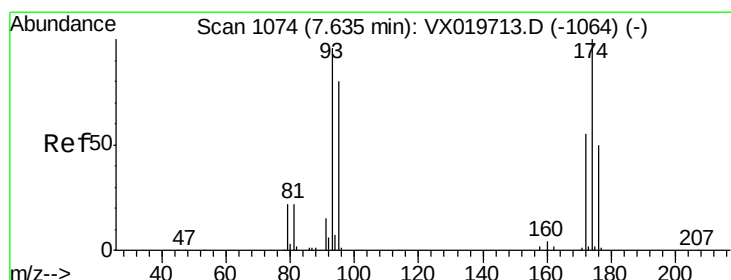
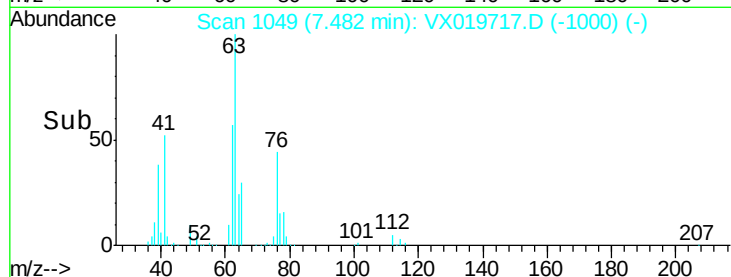
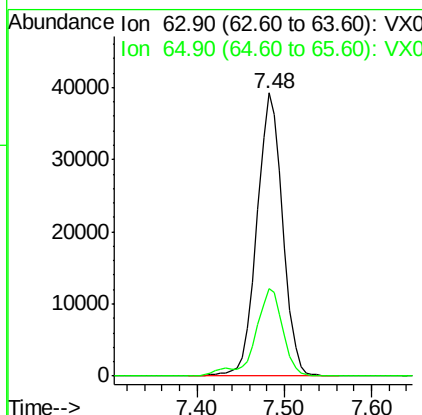
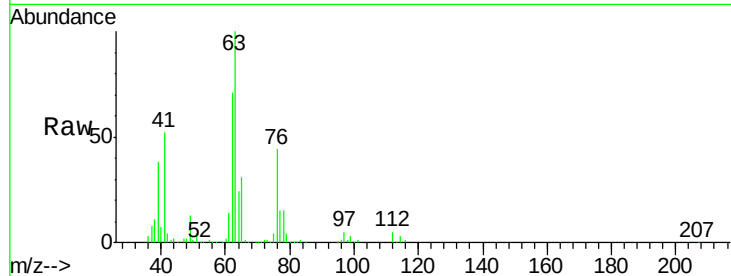
#45
 1,2-Dichloropropane
 Concen: 20.841 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tot Ion: 63 Resp: 80109
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.7 38.5

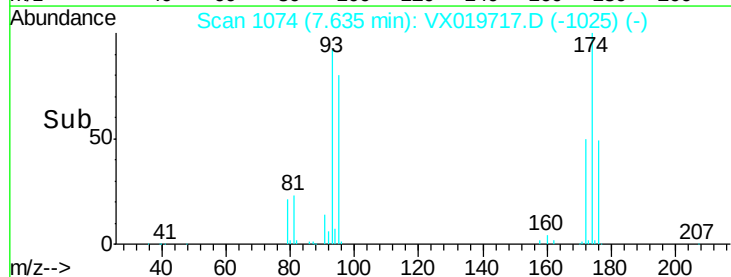
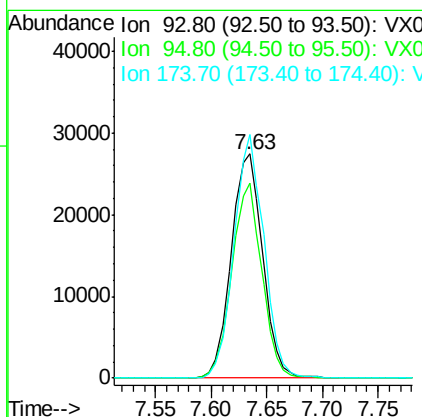
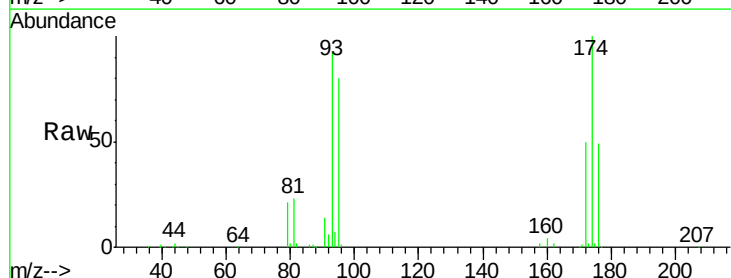
Manual Integrations
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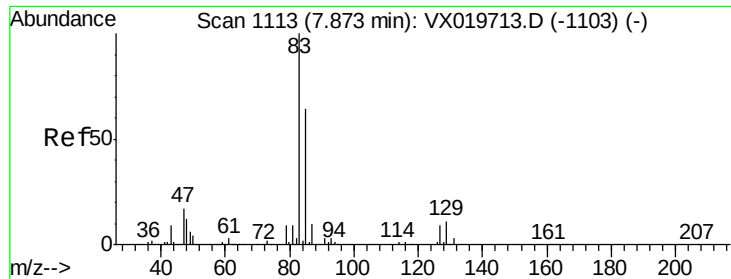
MMDadoda
 12/7/2020 10:55:38 AM



#46
 Dibromomethane
 Concen: 20.674 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Tgt Ion: 93 Resp: 53677
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.8 100.2
 174 103.5 83.1 124.7





#47

Bromodichloromethane

Concen: 20.487 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

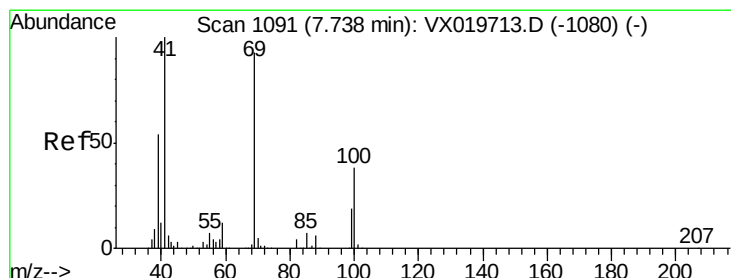
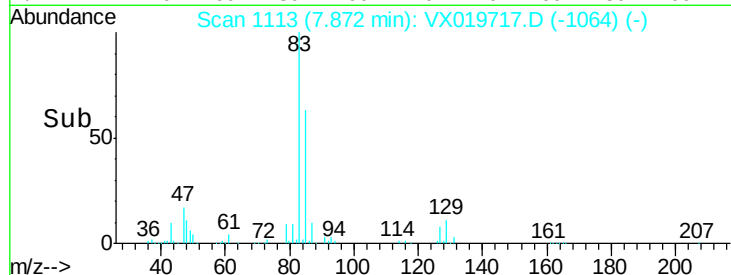
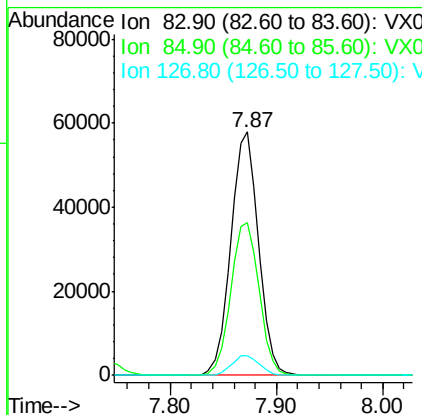
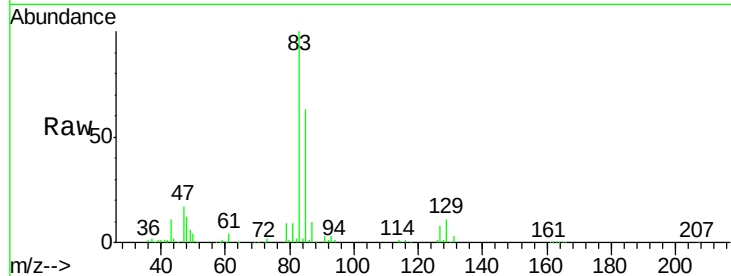
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	105670
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.4	77.0
127	8.1	6.8	10.2

Manual Integrations
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MMDadoda
12/7/2020 10:55:38 AM



#48

Methyl methacrylate

Concen: 20.168 ug/l

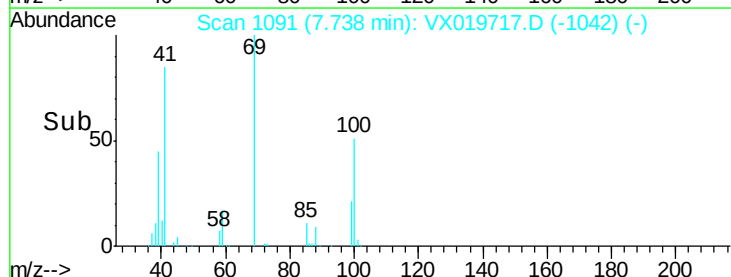
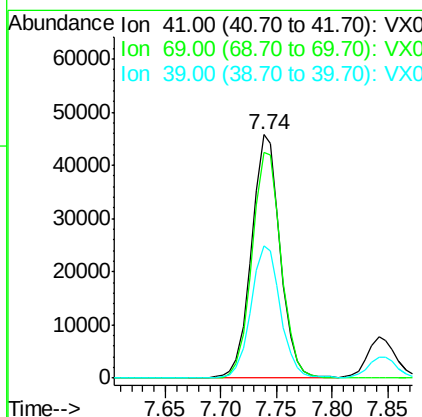
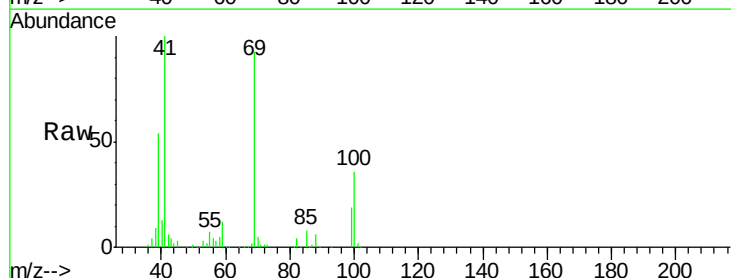
RT: 7.74 min Scan# 1091

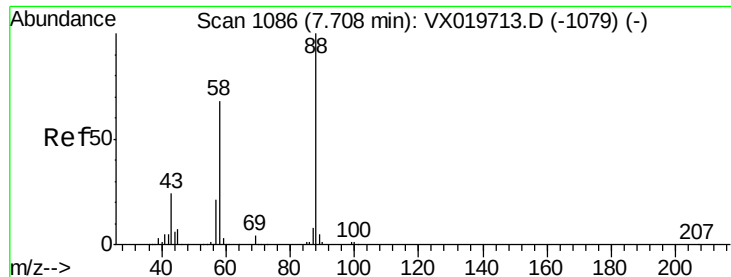
Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Tgt Ion:	41	Resp:	82228
Ion	Ratio	Lower	Upper
41	100		
69	94.1	76.0	114.0
39	56.0	44.6	67.0





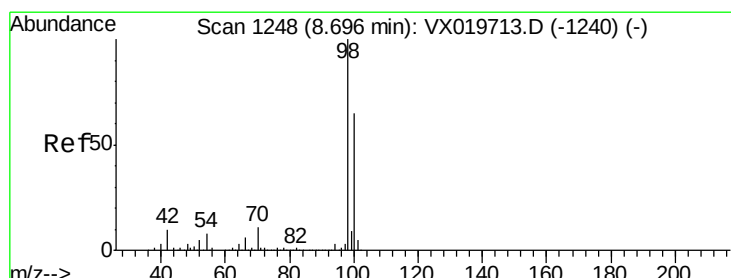
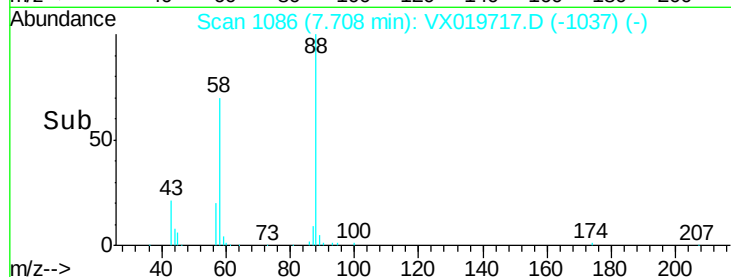
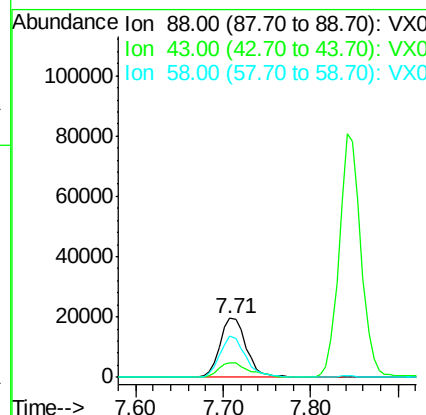
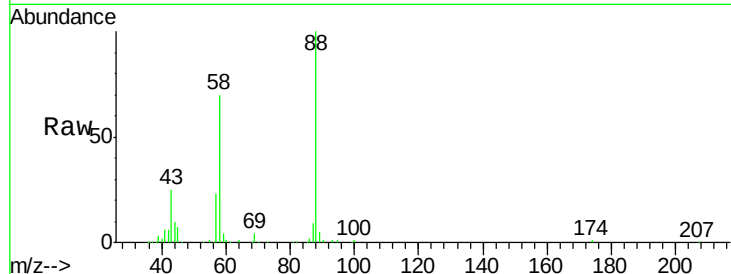
#49
1,4-Dioxane
Concen: 415.783 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	88	Resp	40971
Ion	Ratio	Lower	Upper
88	100		
43	28.7	23.2	34.8
58	68.7	55.0	82.4

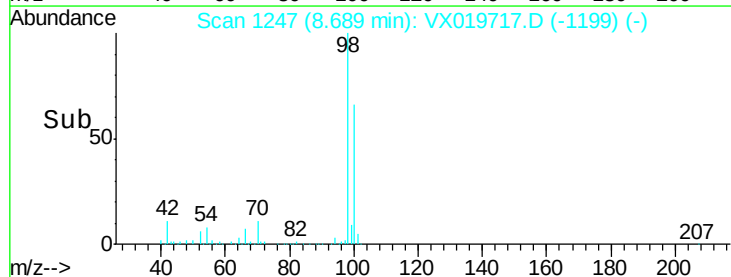
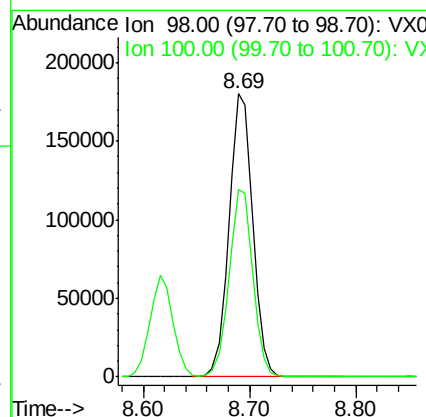
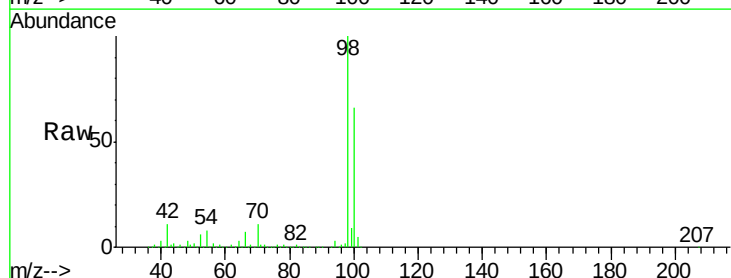
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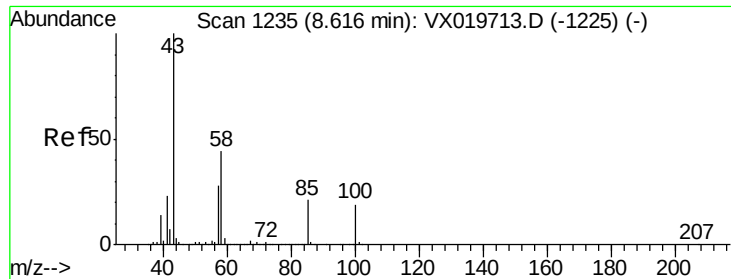
MMDadoda
12/7/2020 10:55:38 AM



#50
Toluene-d8
Concen: 19.989 ug/l
RT: 8.69 min Scan# 1247
Delta R.T. -0.01 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Tgt Ion	98	Resp	280751
Ion	Ratio	Lower	Upper
98	100		
100	66.4	51.9	77.9





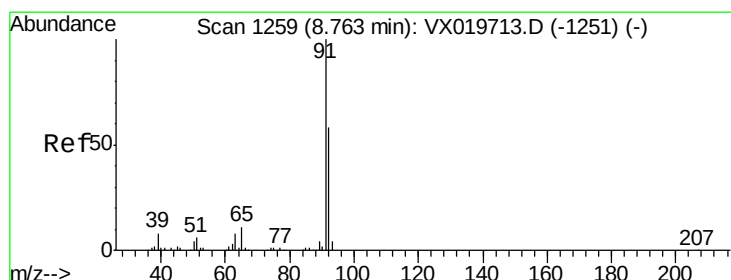
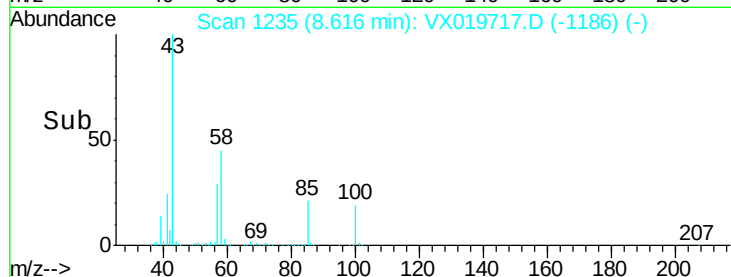
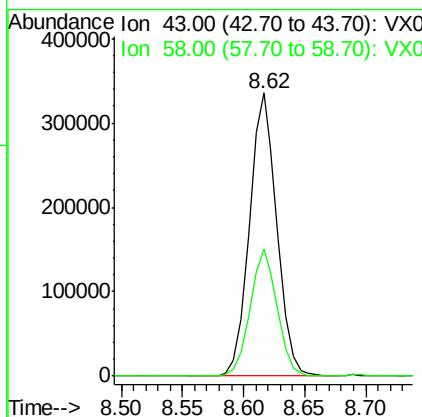
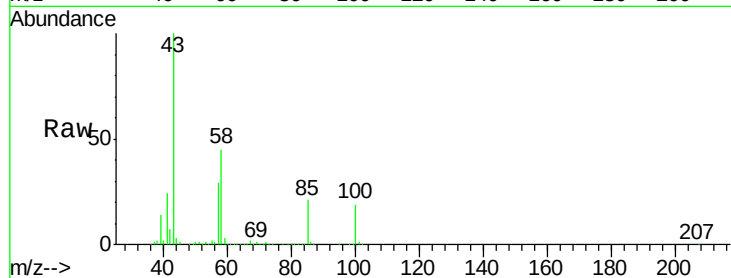
#51
4-Methyl-2-Pentanone
Concen: 102.752 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.3	35.4	53.0

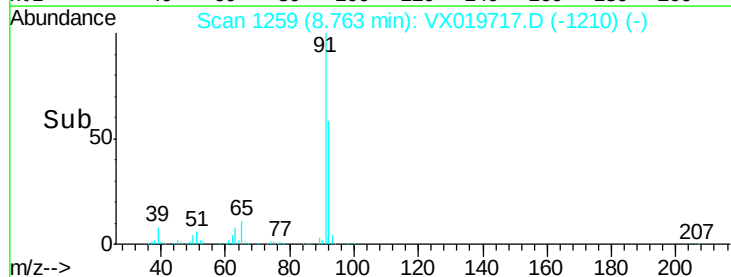
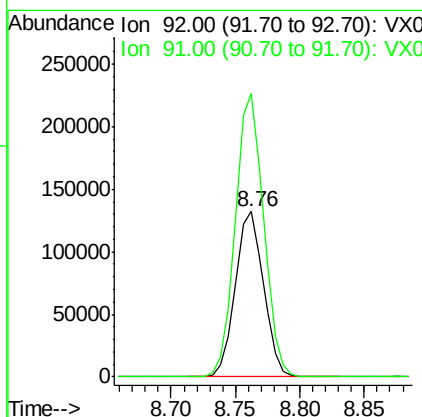
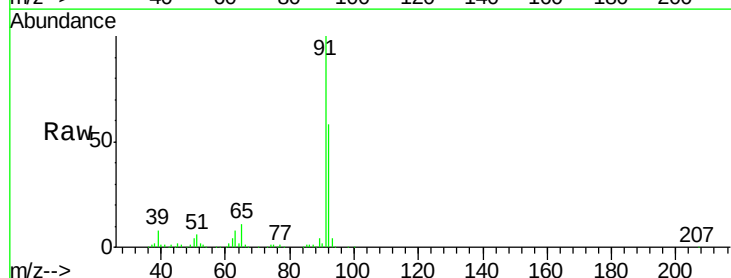
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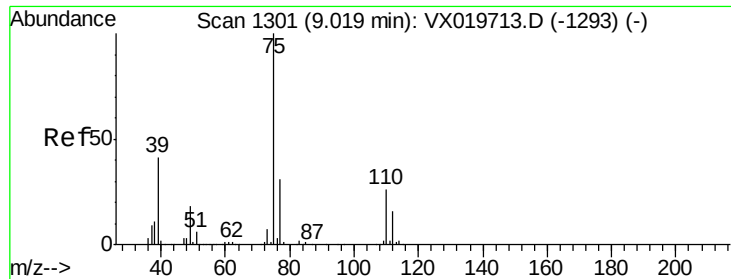
MMDadoda
12/7/2020 10:55:38 AM



#52
Toluene
Concen: 20.965 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.4	137.1	205.7





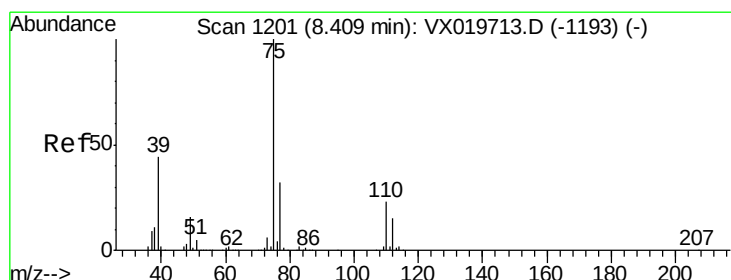
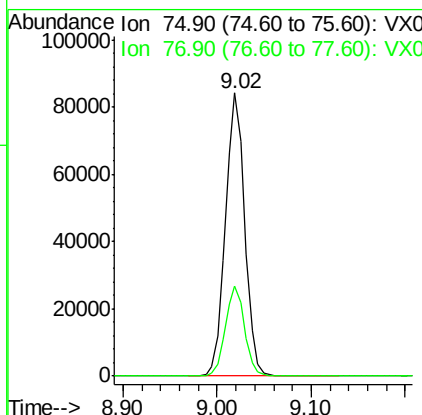
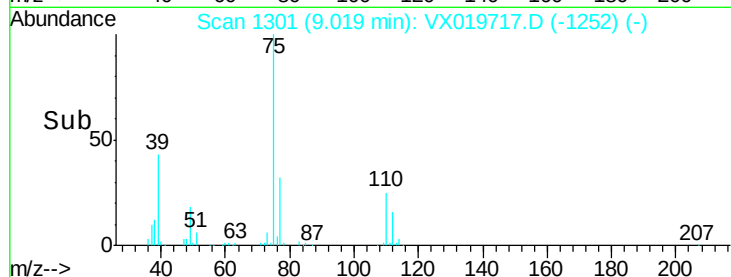
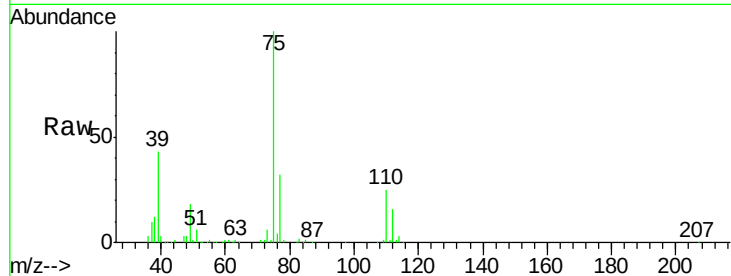
#53
 t-1,3-Dichloropropene
 Concen: 20.894 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 75 Resp: 119429
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.9 37.3

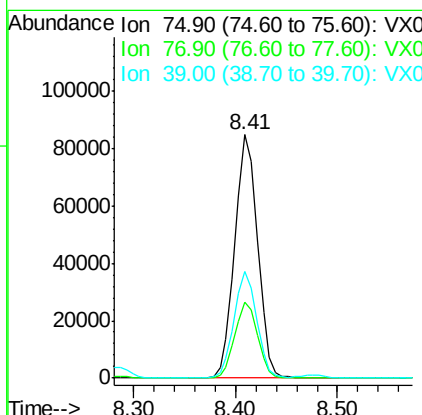
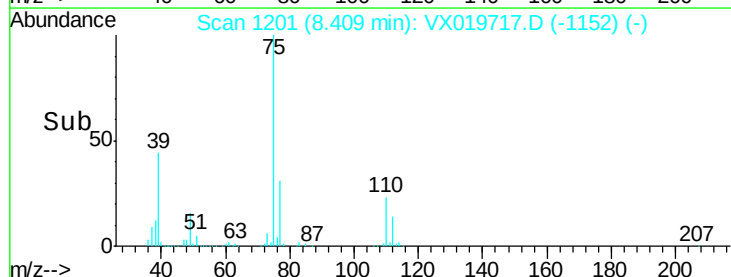
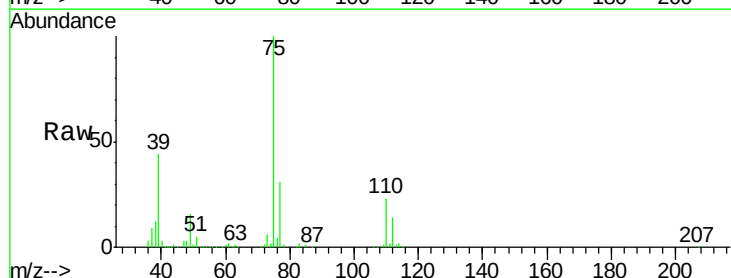
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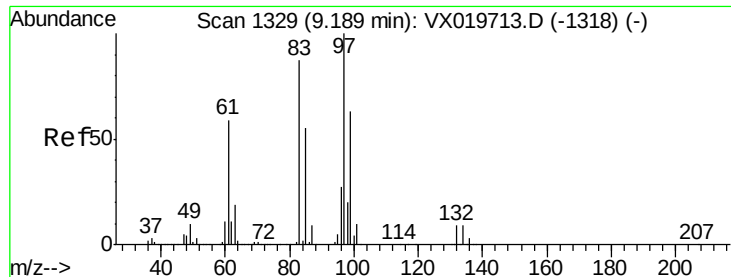
MMDadoda
 12/7/2020 10:55:38 AM



#54
 cis-1,3-Dichloropropene
 Concen: 21.118 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Tgt Ion: 75 Resp: 130981
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.7 38.5
 39 43.5 35.1 52.7





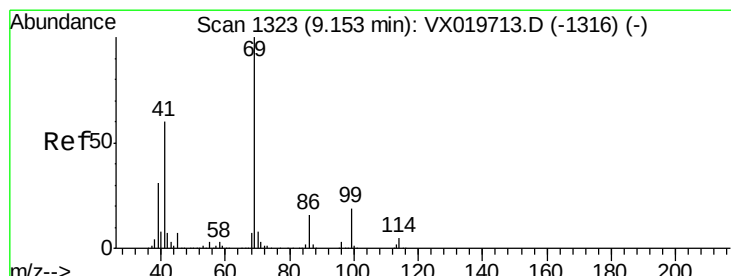
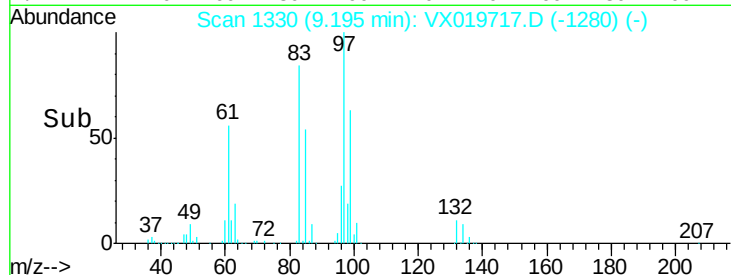
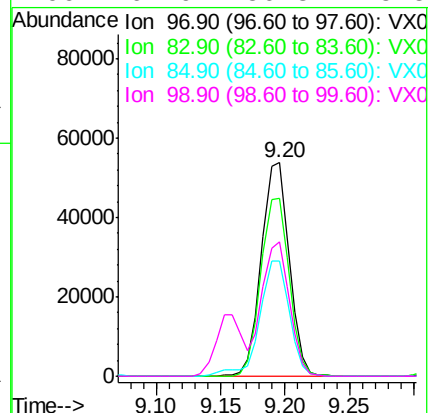
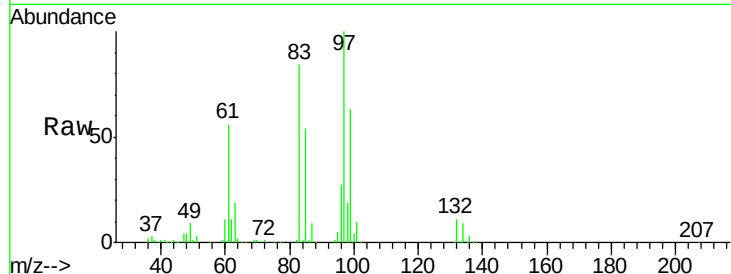
#55
 1,1,2-Trichloroethane
 Concen: 20.731 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		80563		
83	83.5	69.3	103.9		
85	54.0	44.3	66.5		
99	62.9	50.3	75.5		

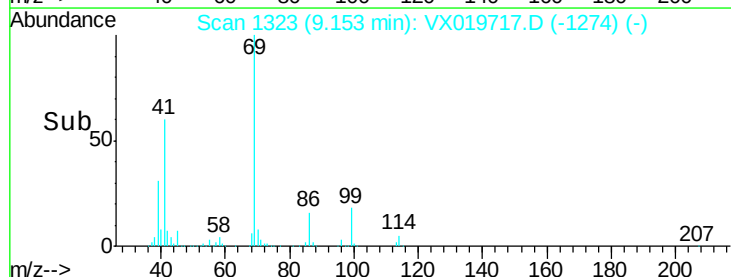
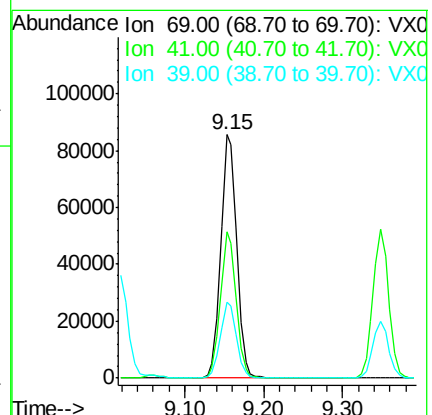
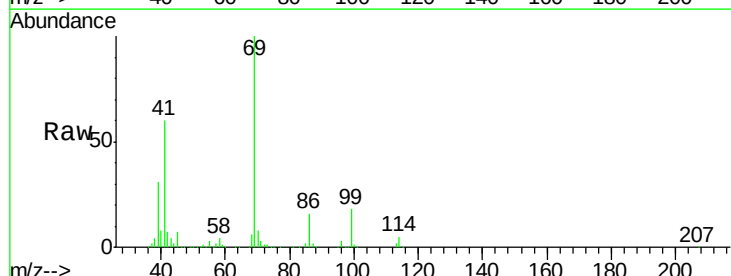
Manual Integrations
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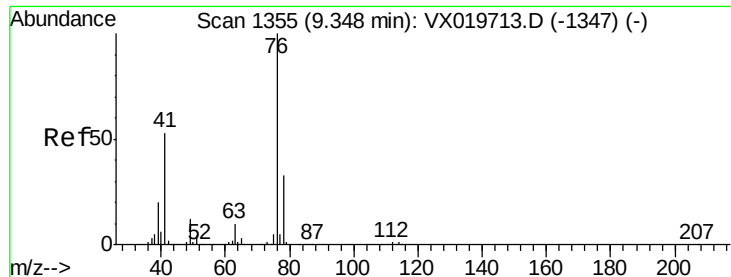
MMDadoda
 12/7/2020 10:55:38 AM



#56
 Ethyl methacrylate
 Concen: 20.551 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		120819		
41	58.9	46.8	70.2		
39	31.1	24.7	37.1		





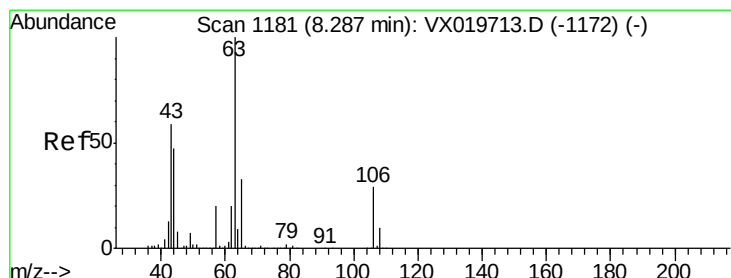
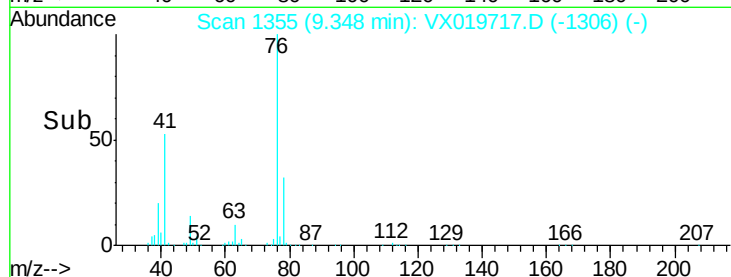
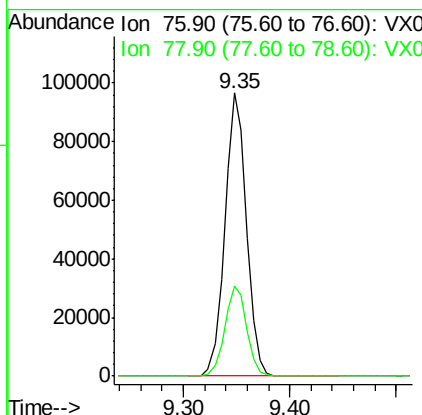
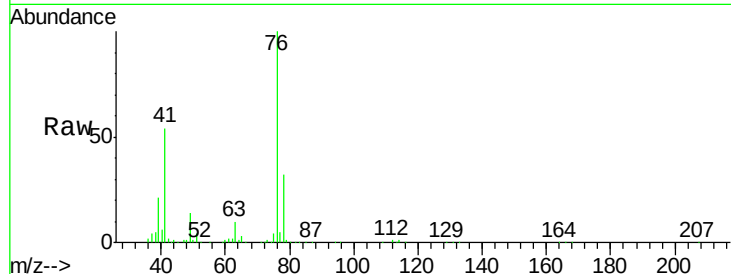
#57
 1,3-Dichloropropane
 Concen: 20.492 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 76 Resp: 136016
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2

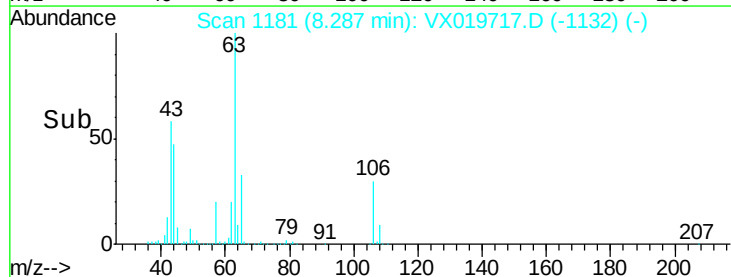
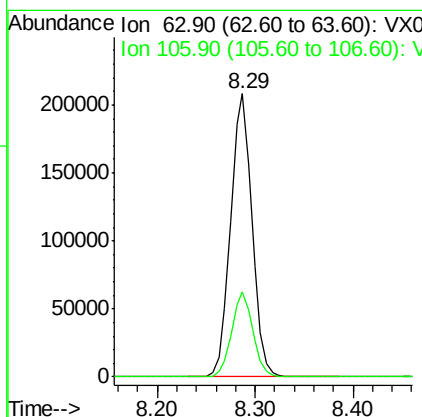
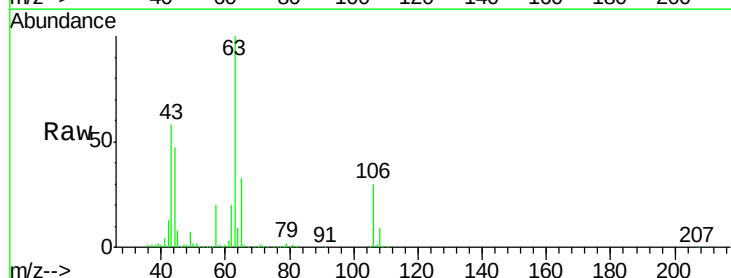
Manual Integrations
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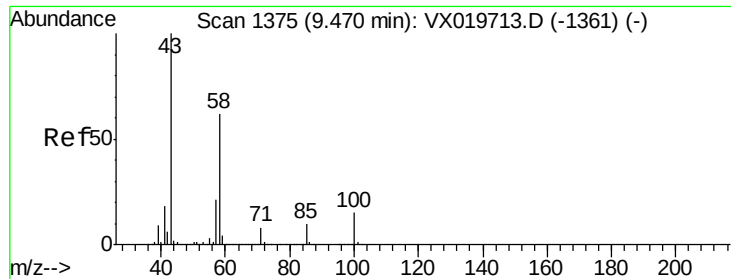
MMDadoda
 12/7/2020 10:55:38 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.830 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Tgt Ion: 63 Resp: 316293
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.5 35.3





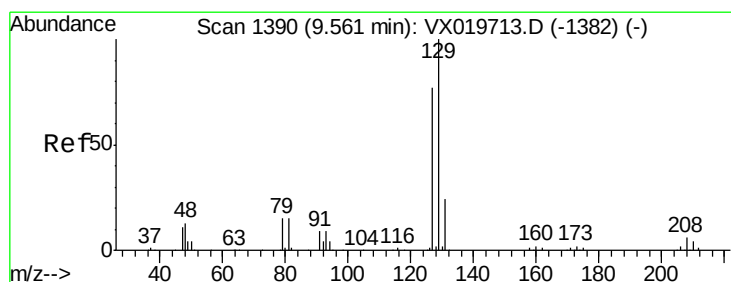
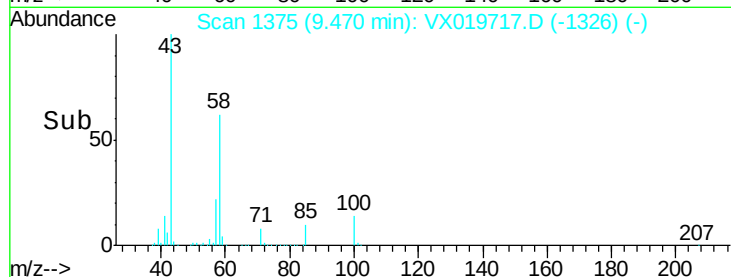
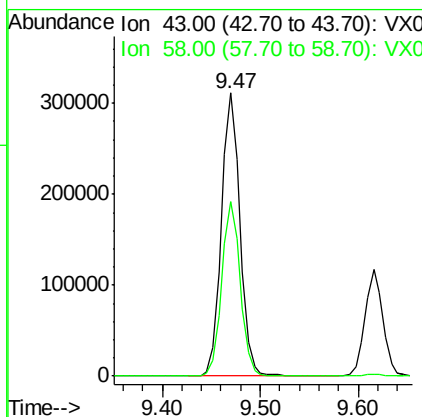
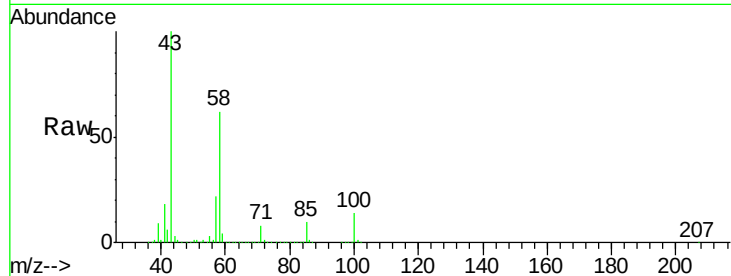
#59
2-Hexanone
Concen: 104.790 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.3	30.9	92.8

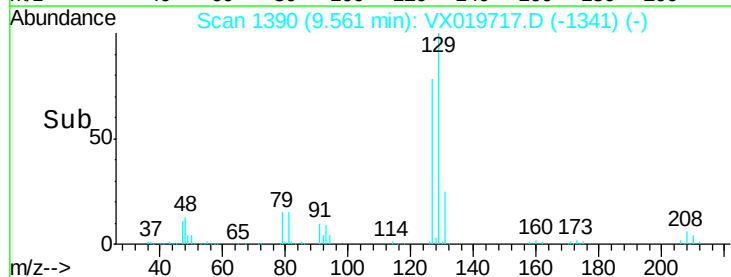
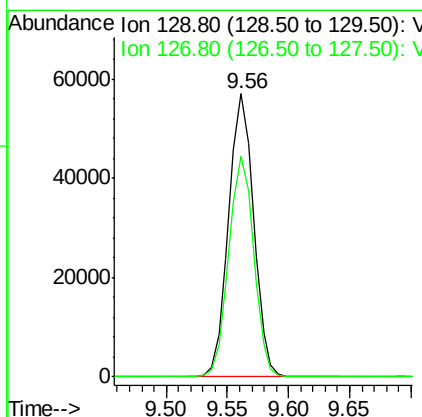
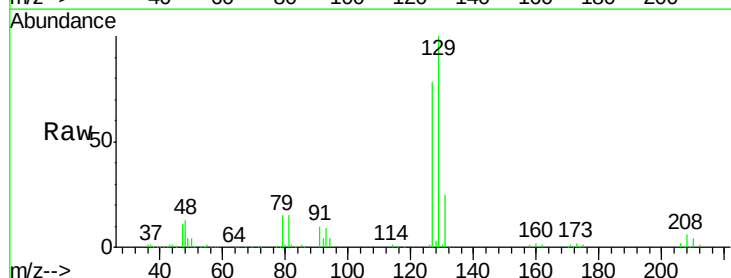
Manual Integrations
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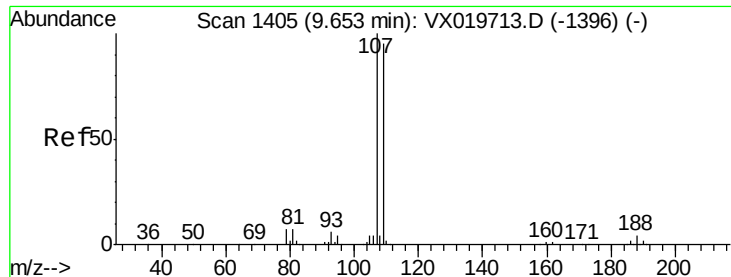
MMDadoda
12/7/2020 10:55:38 AM



#60
Dibromochloromethane
Concen: 20.512 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.4	115.2





#61

1,2-Dibromoethane

Concen: 20.545 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:107 Resp: 84754

Ion Ratio Lower Upper

107 100

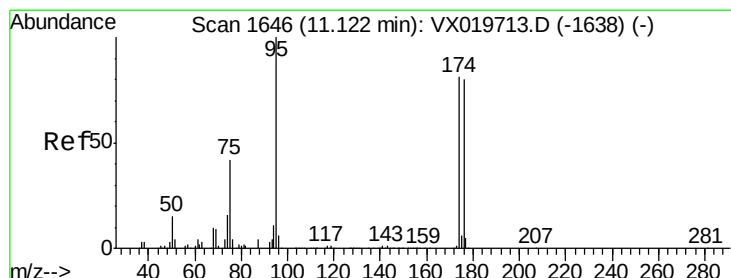
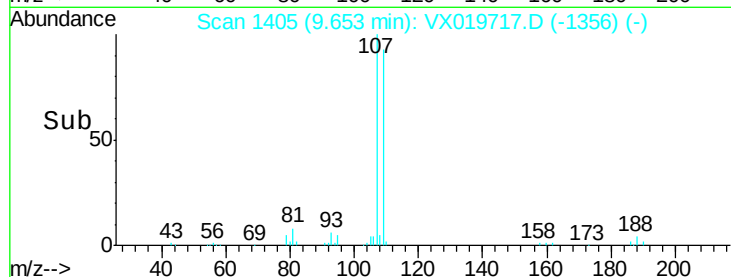
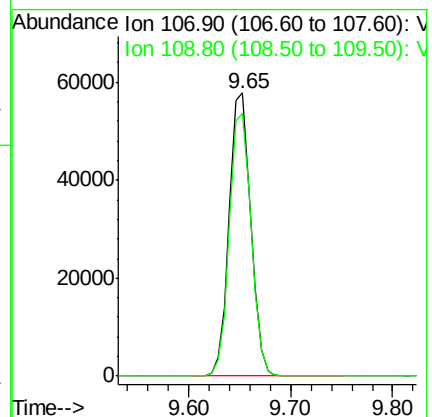
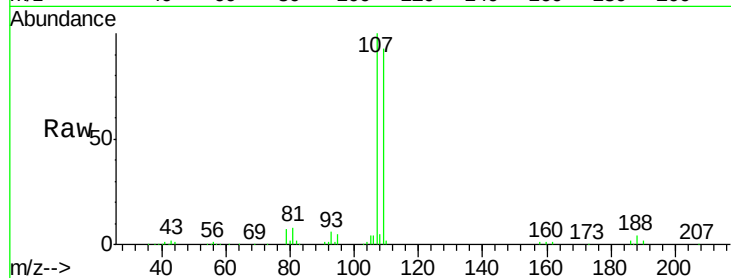
109 93.7 75.8 113.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 20.356 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

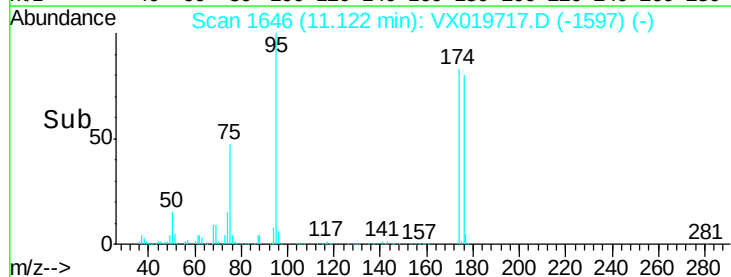
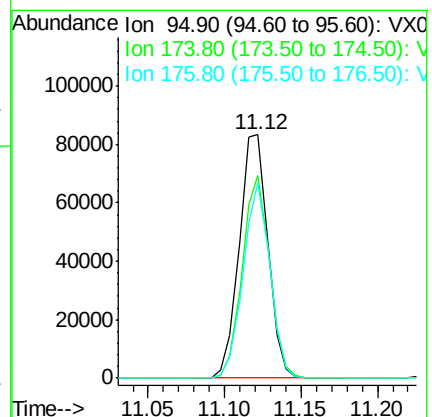
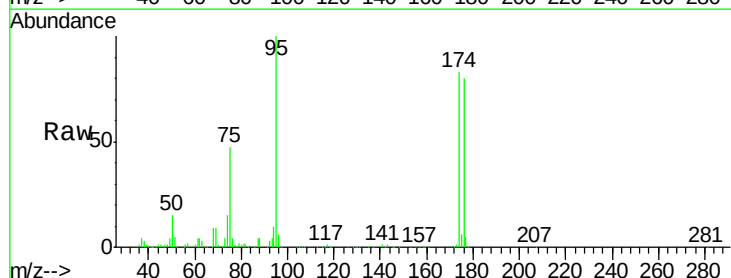
Tgt Ion: 95 Resp: 108263

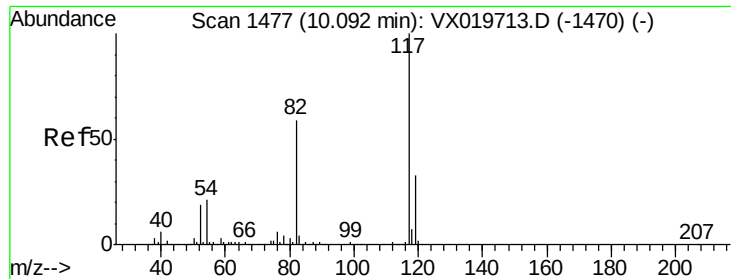
Ion Ratio Lower Upper

95 100

174 79.3 0.0 154.6

176 74.7 0.0 155.8





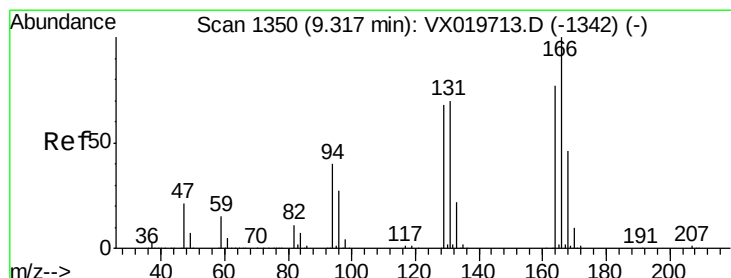
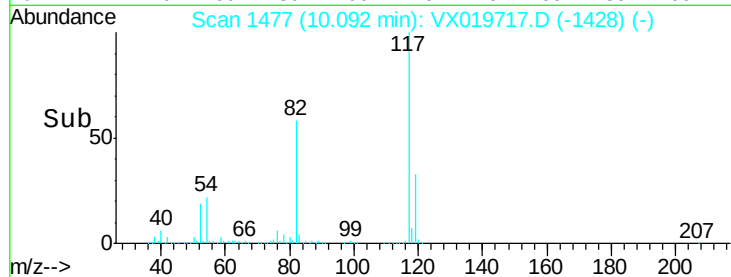
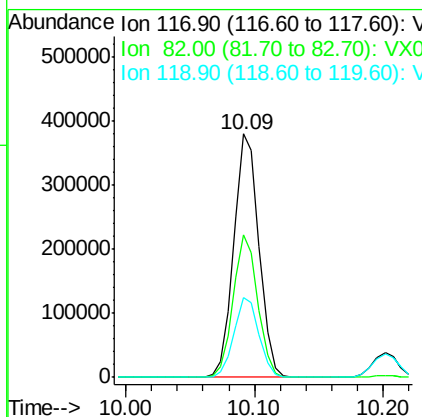
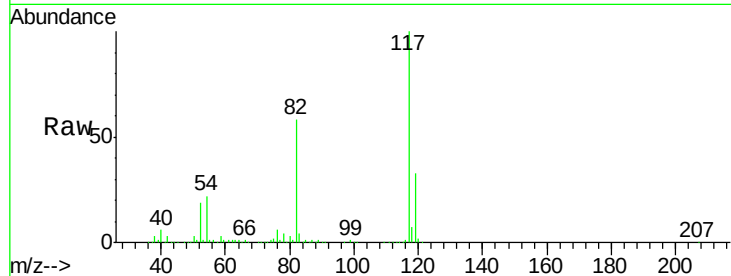
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.4	71.2
119	32.7	26.6	39.8

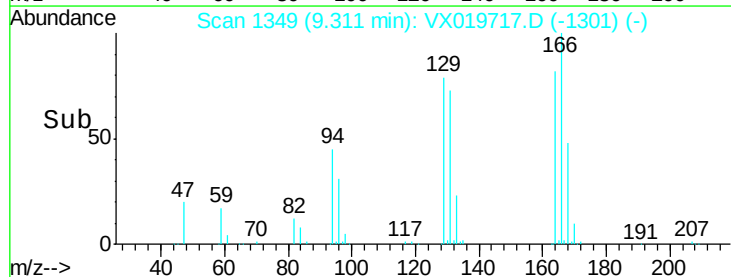
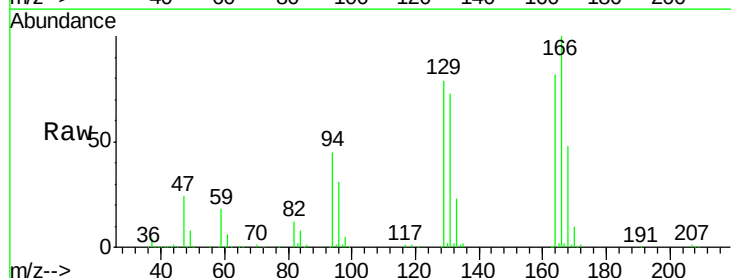
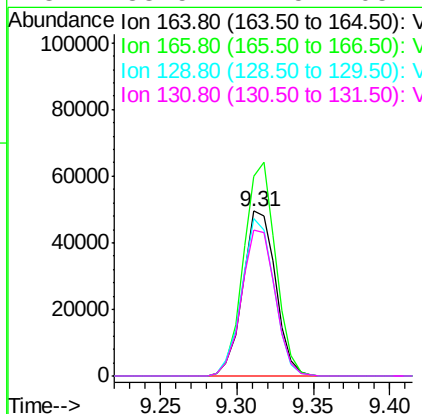
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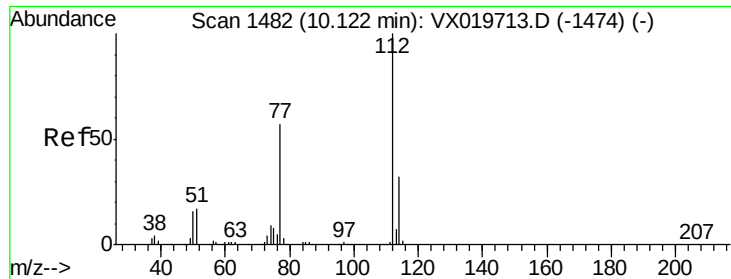
MMDadoda
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#64
Tetrachloroethene
Concen: 21.733 ug/l
RT: 9.31 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.3	103.4	155.2
129	95.6	70.8	106.2
131	88.5	72.5	108.7





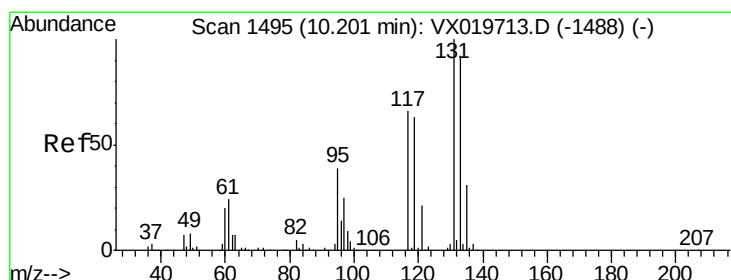
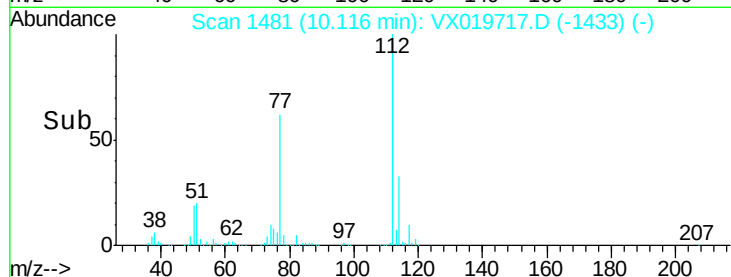
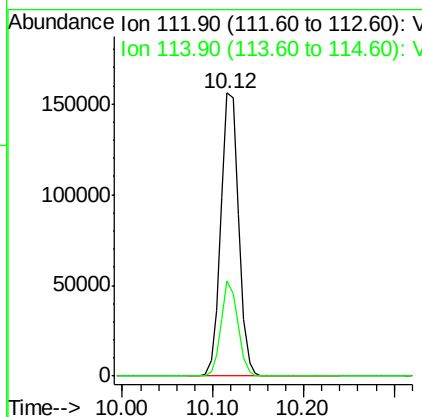
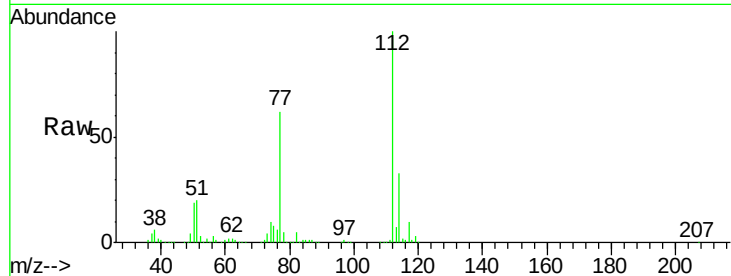
#65
Chlorobenzene
Concen: 21.234 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:112 Resp: 214254
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.6

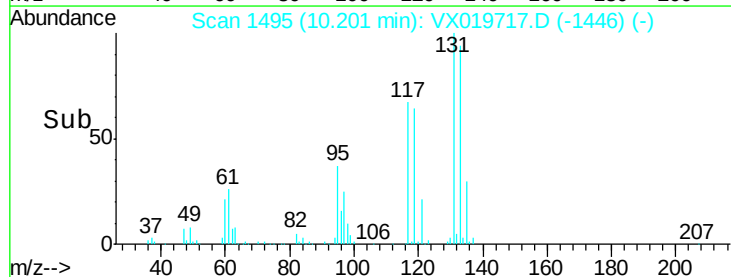
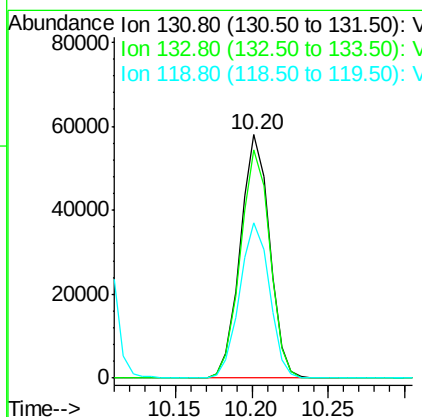
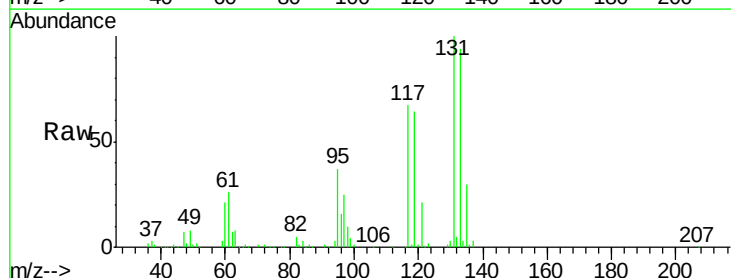
Manual Integrations
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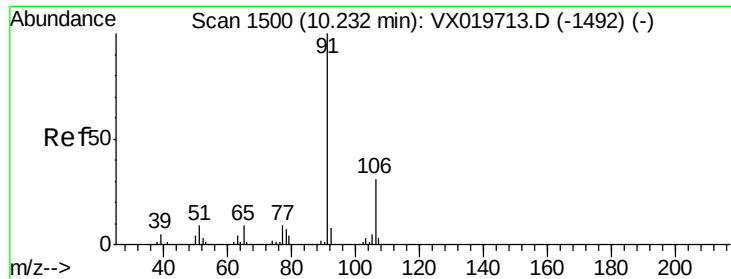
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.233 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Tgt Ion:131 Resp: 77085
Ion Ratio Lower Upper
131 100
133 94.7 47.7 143.1
119 65.5 32.1 96.5





#67

Ethyl Benzene

Concen: 21.731 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 91 Resp: 388242

Ion Ratio Lower Upper

91 100

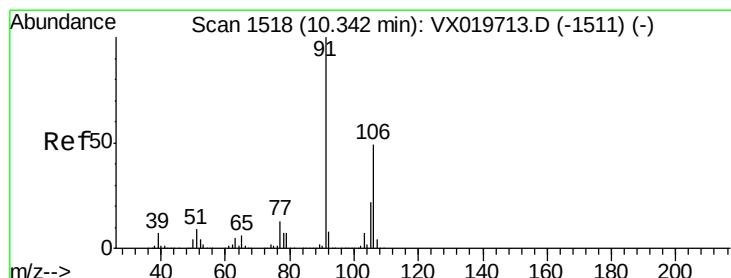
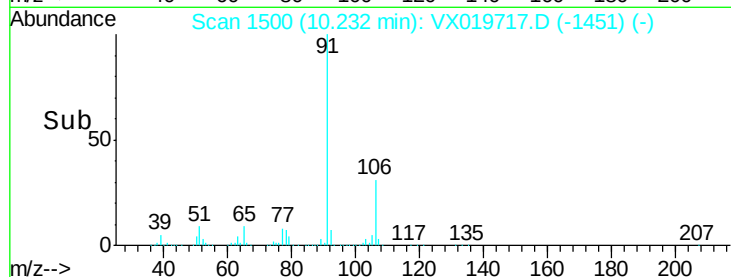
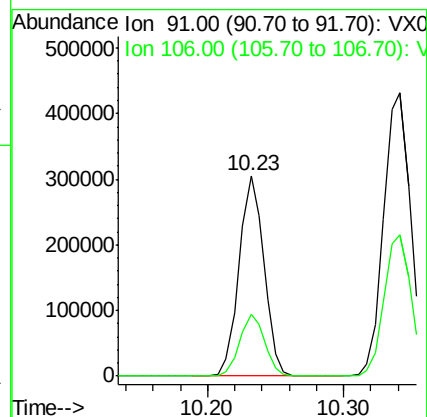
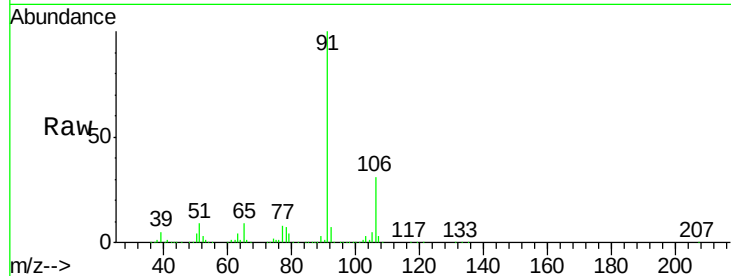
106 31.0 24.6 37.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 44.036 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019717.D

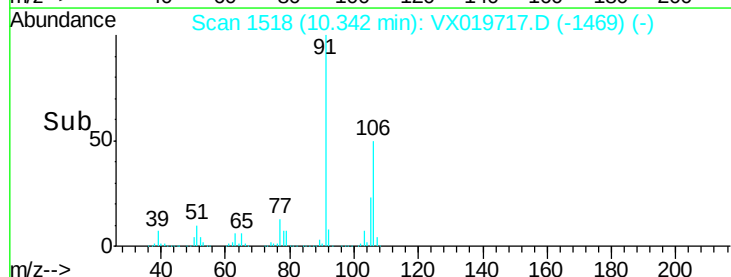
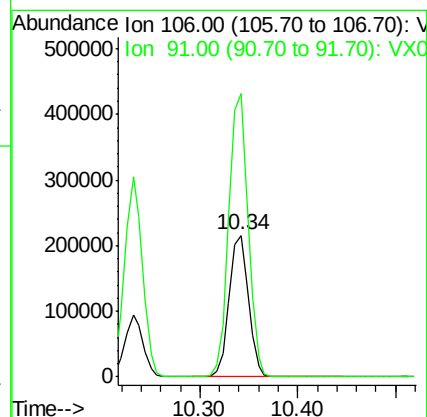
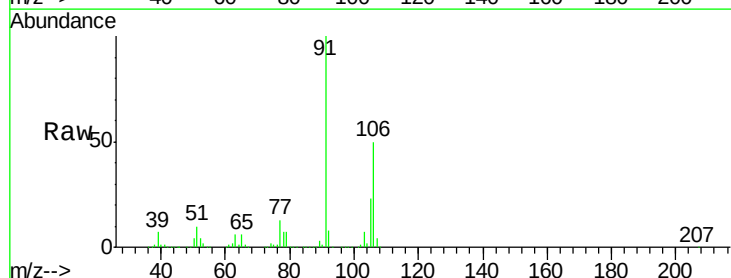
Acq: 04 Dec 2020 15:10

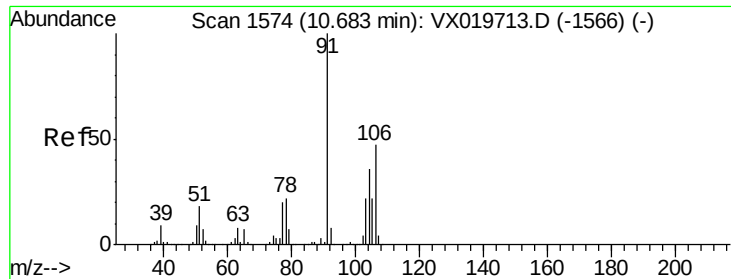
Tgt Ion: 106 Resp: 296346

Ion Ratio Lower Upper

106 100

91 200.8 162.8 244.2





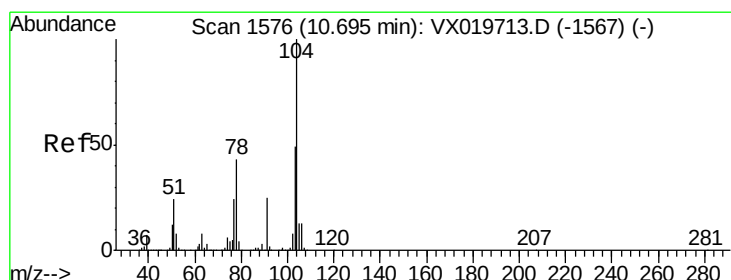
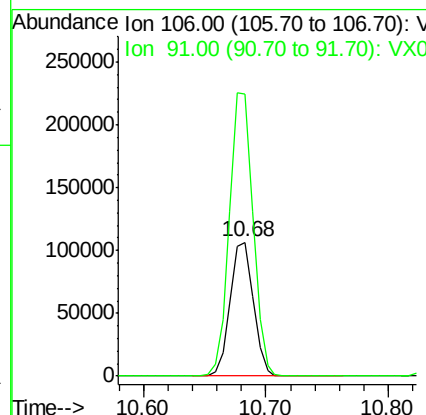
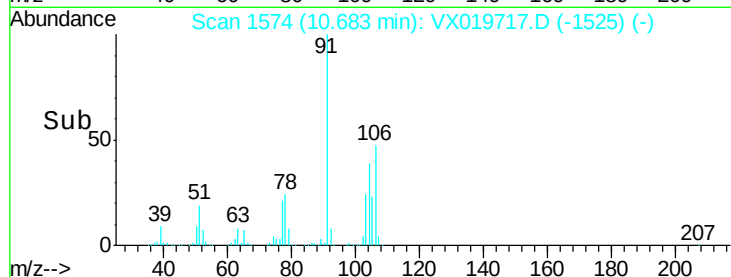
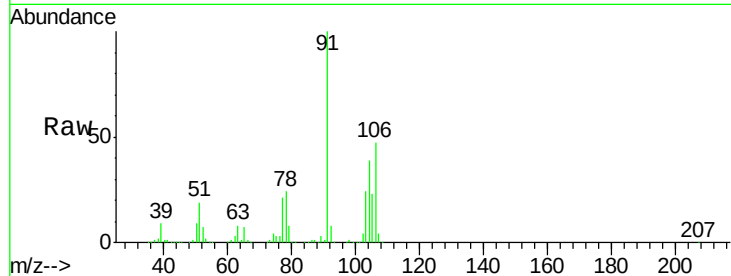
#69
o-Xylene
Concen: 21.650 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion:106 Resp: 140189
Ion Ratio Lower Upper
106 100
91 215.0 108.1 324.2

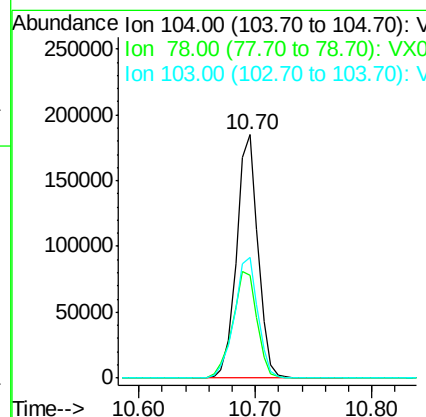
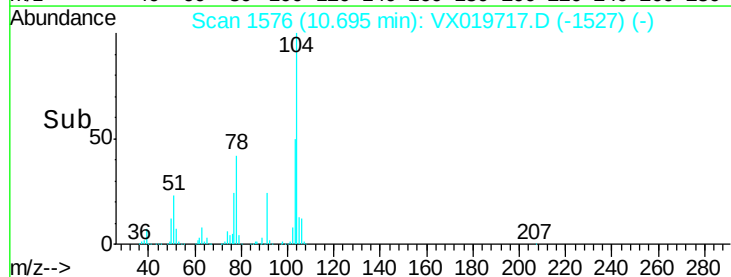
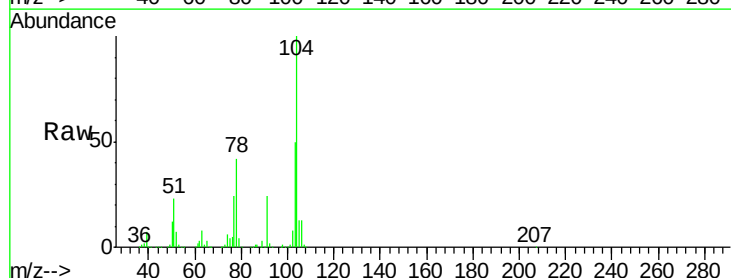
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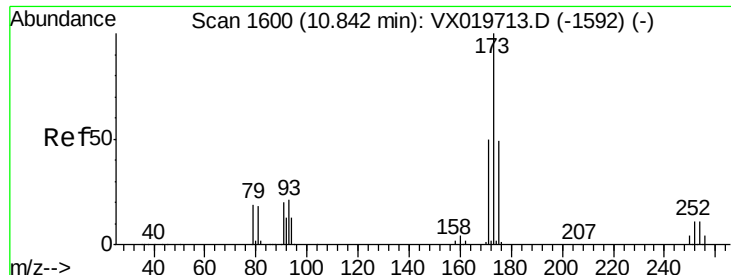
MMDadoda
12/7/2020 10:55:38 AM



#70
Styrene
Concen: 21.597 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Tgt Ion:104 Resp: 236520
Ion Ratio Lower Upper
104 100
78 49.8 40.0 60.0
103 54.7 43.4 65.0





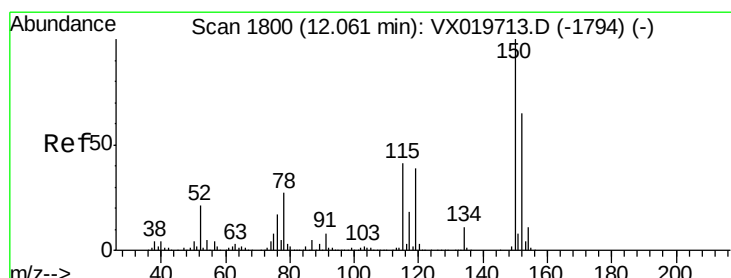
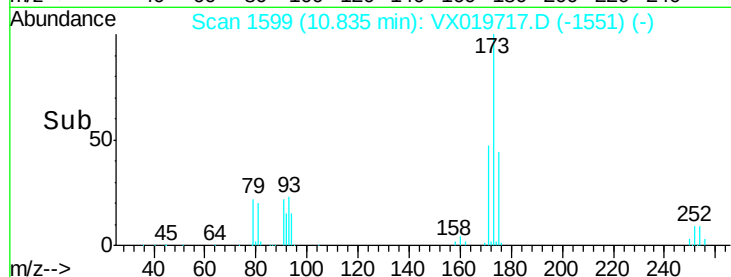
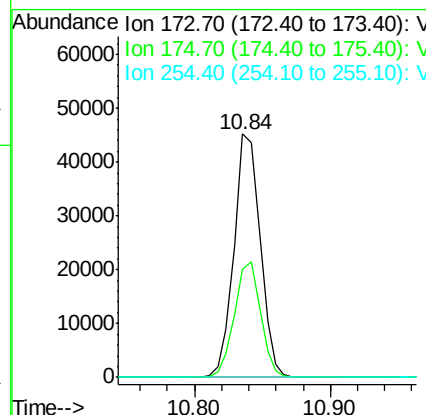
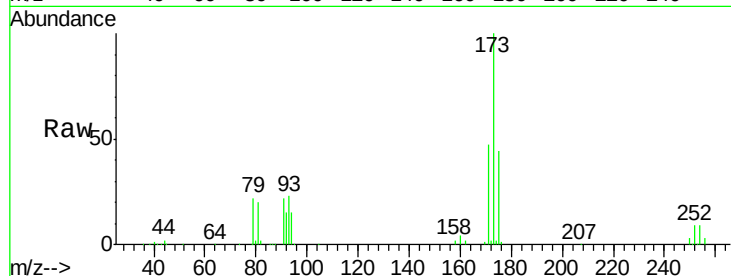
#71
Bromoform
Concen: 21.345 ug/l
RT: 10.84 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.9	71.8
254	0.0	0.1	0.1#

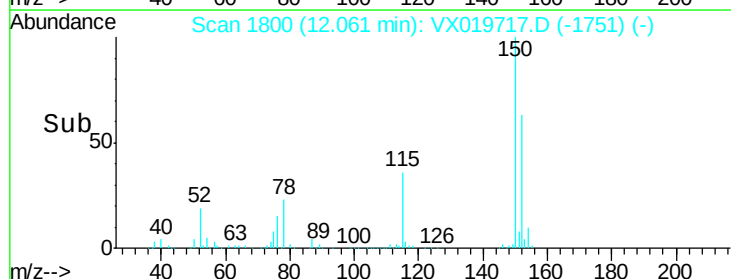
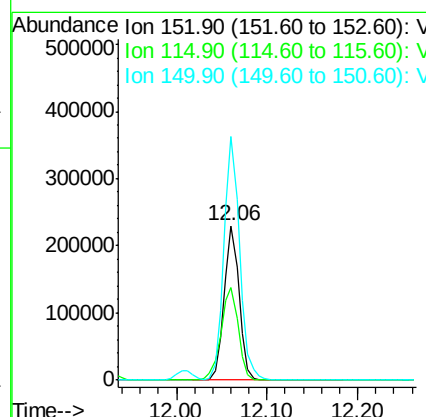
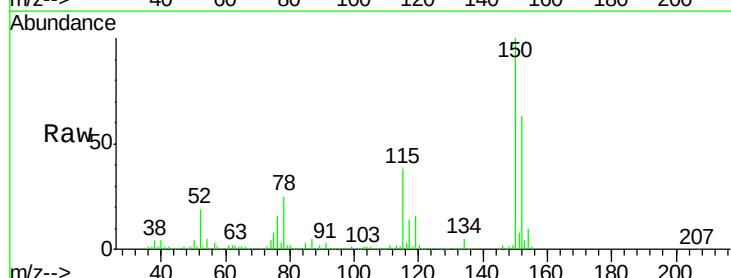
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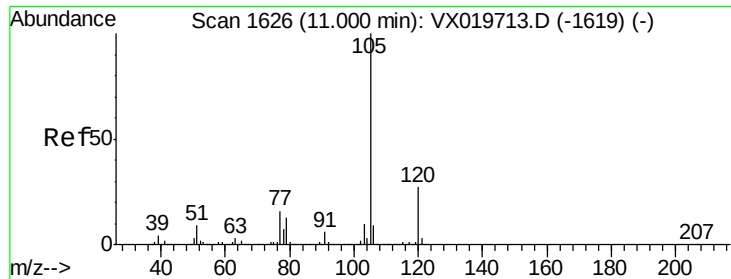
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.2	41.1	123.3
150	166.4	0.0	349.0





#73

Isopropylbenzene

Concen: 21.384 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 380080

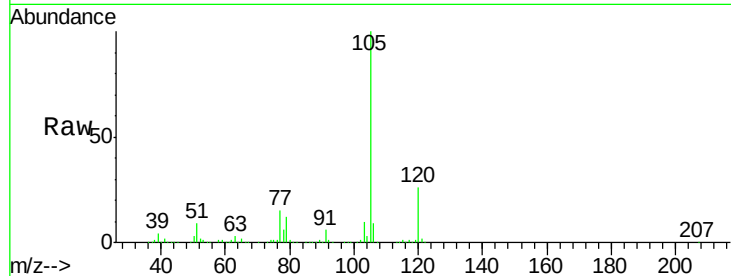
Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6

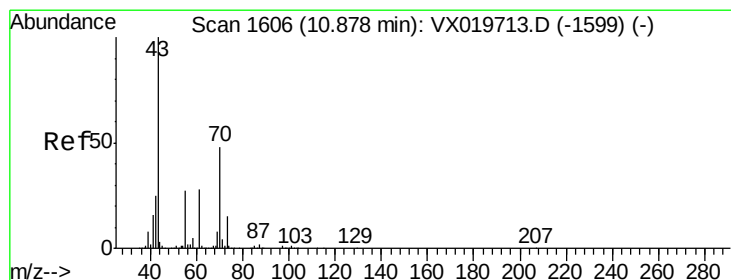
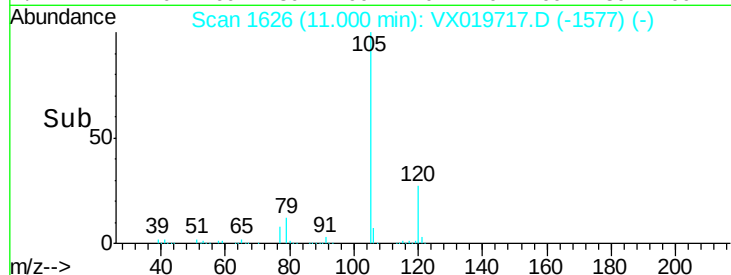
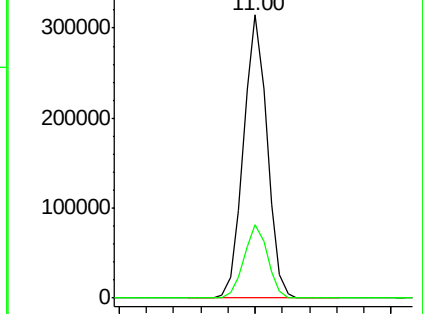
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.872 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Tgt Ion: 43 Resp: 148427

Ion Ratio Lower Upper

43 100

70 50.0 39.0 58.6

55 27.0 21.5 32.3

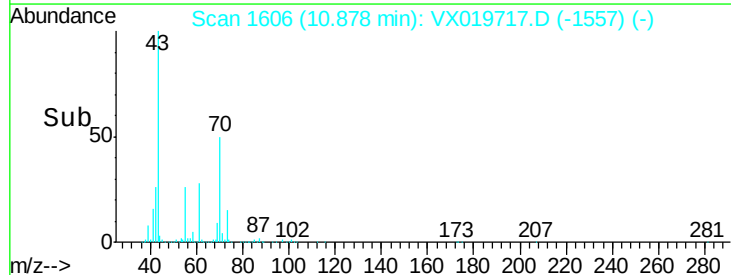
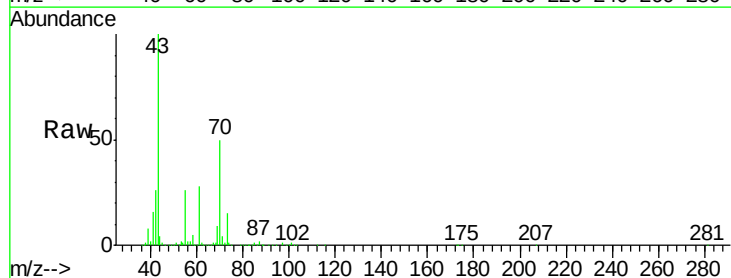
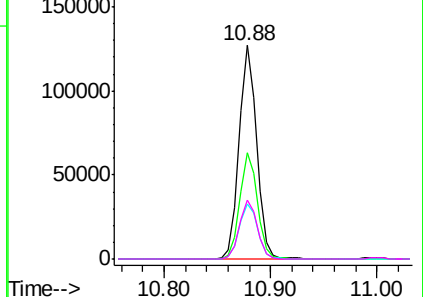
61 27.9 22.1 33.1

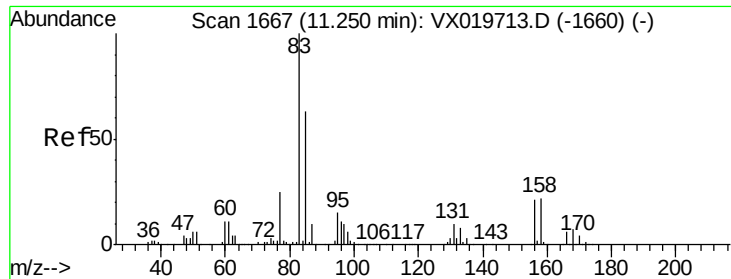
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.426 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

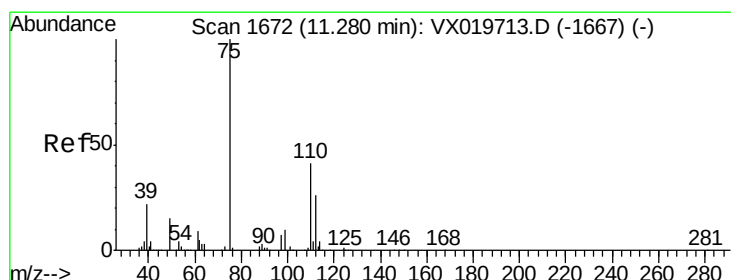
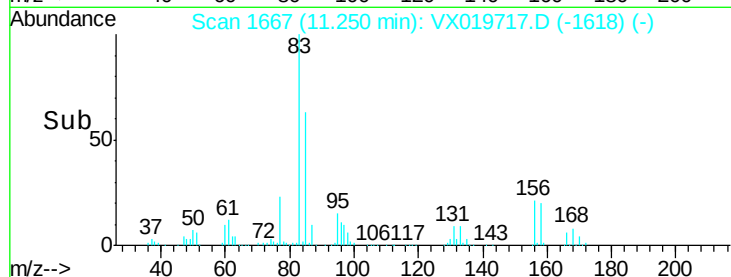
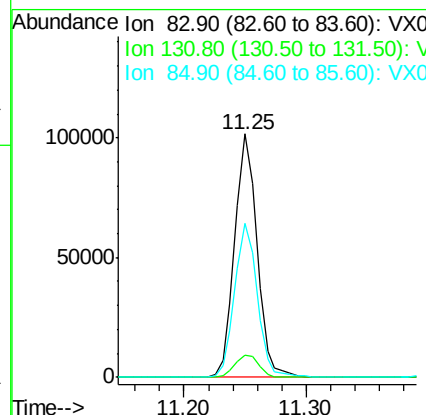
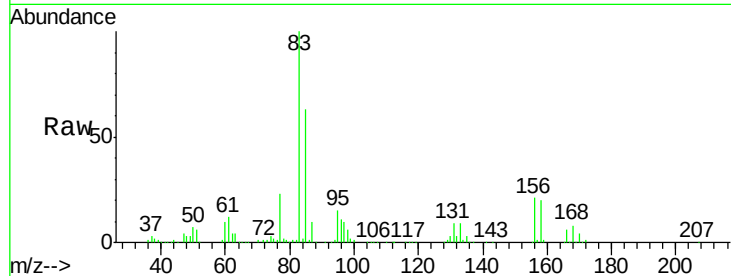
ClientSampled :

VSTDIC020

Tot Ion:	83	Resp:	128402
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.1	15.2
85	64.2	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 20.390 ug/l m

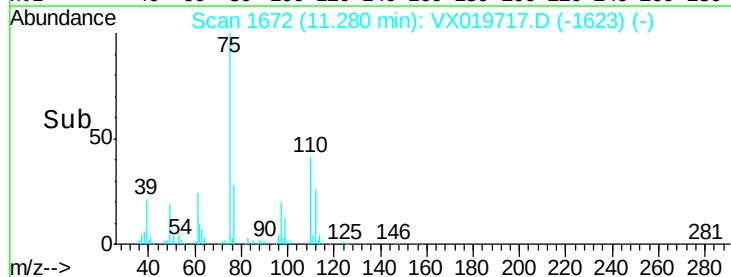
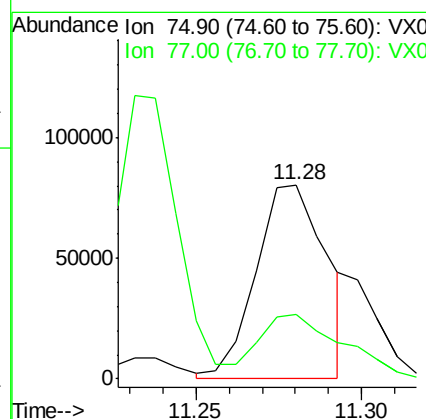
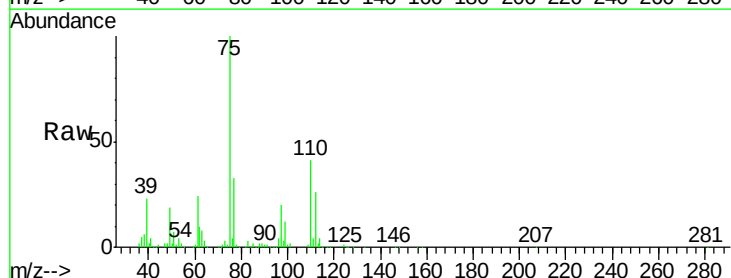
RT: 11.28 min Scan# 1672

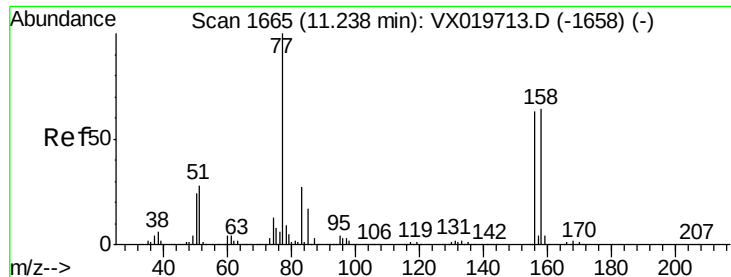
Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Tgt Ion:	75	Resp:	119599
Ion Ratio	Lower	Upper	
75	100		
77	39.0	19.1	57.5





#77

Bromobenzene

Concen: 21.023 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

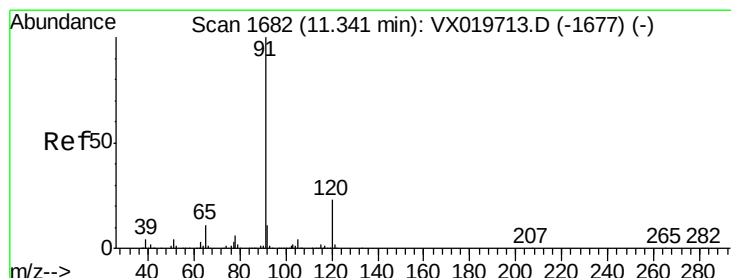
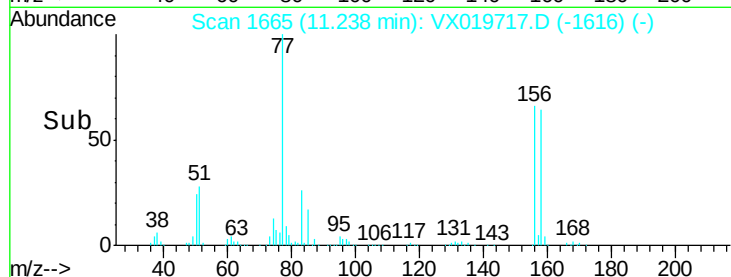
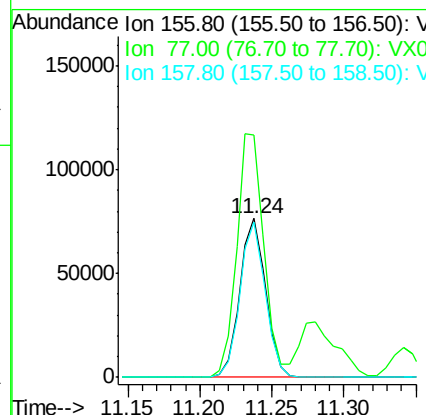
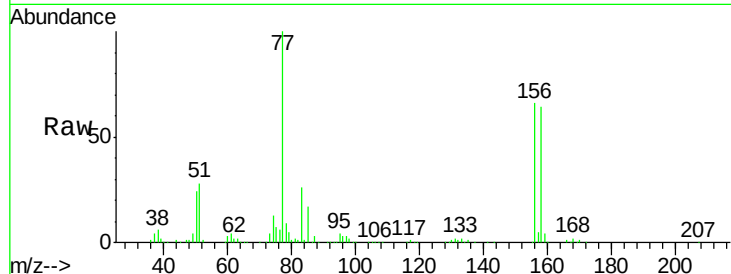
ClientSampleId :

VSTDIC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	162.7	82.8	248.6
158	96.2	49.1	147.4

Manual Integrations
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MMDadoda
12/7/2020 10:55:38 AM



#78

n-propylbenzene

Concen: 21.237 ug/l

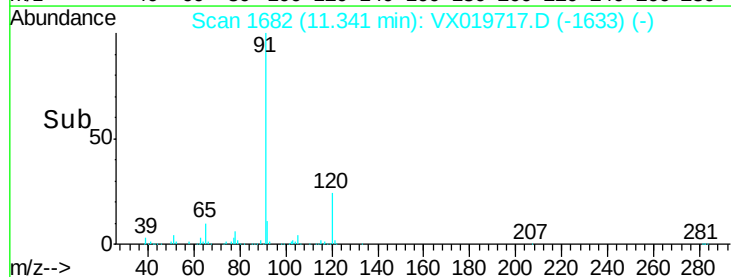
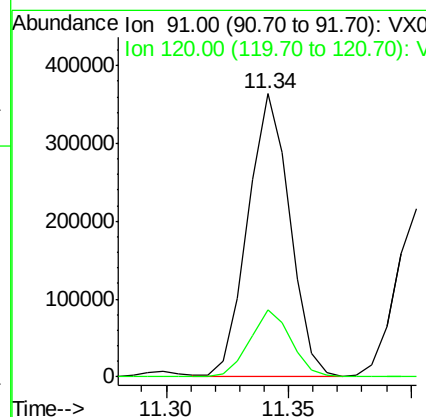
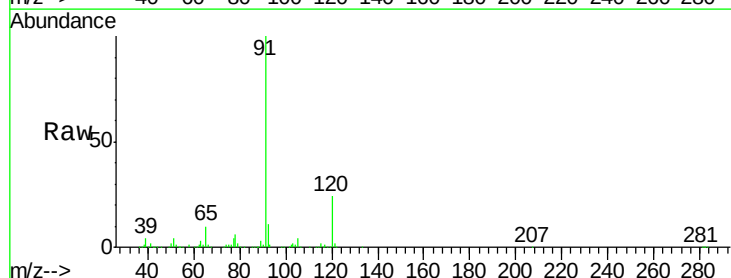
RT: 11.34 min Scan# 1682

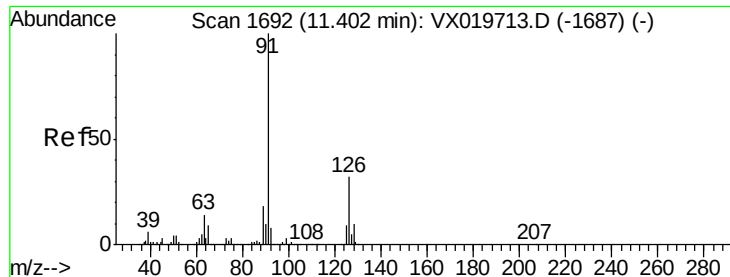
Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.5	34.5





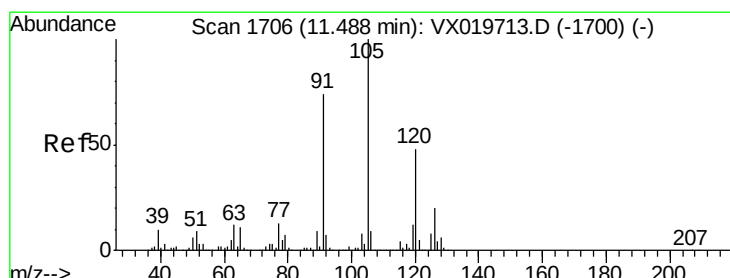
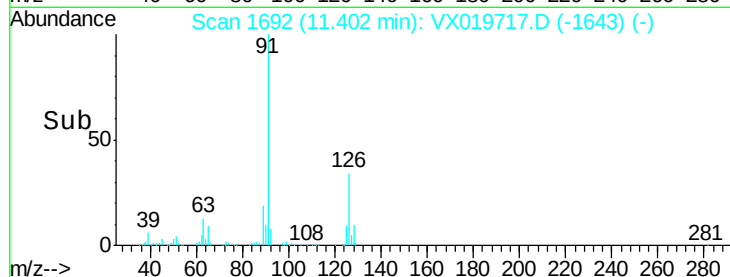
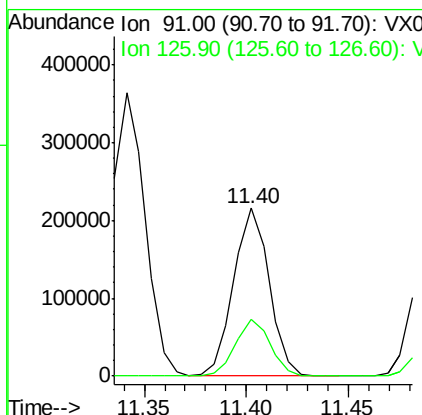
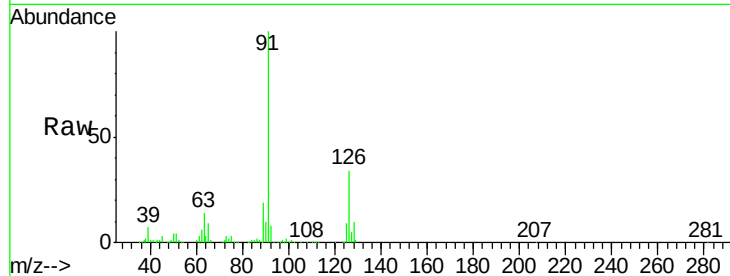
#79
 2-Chlorotoluene
 Concen: 20.717 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 91 Resp: 259437
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.6 49.8

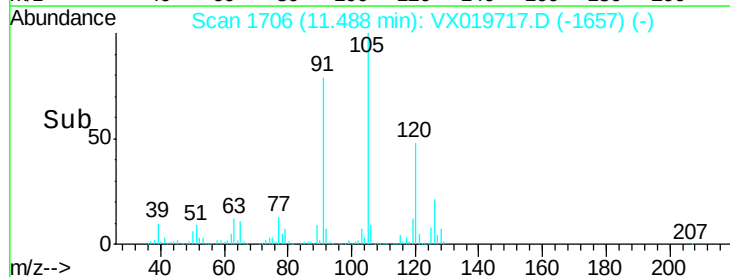
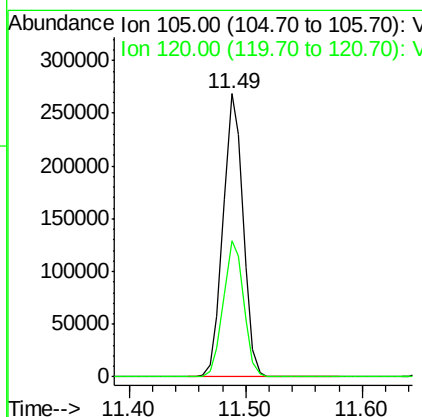
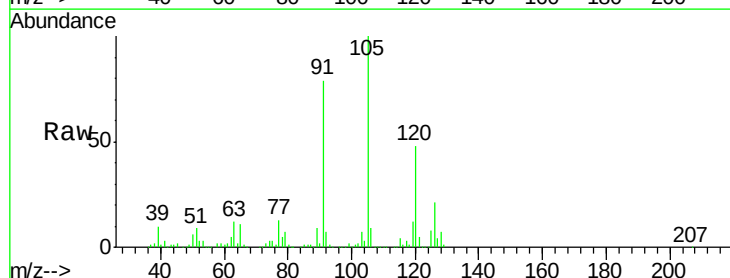
Manual Integrations
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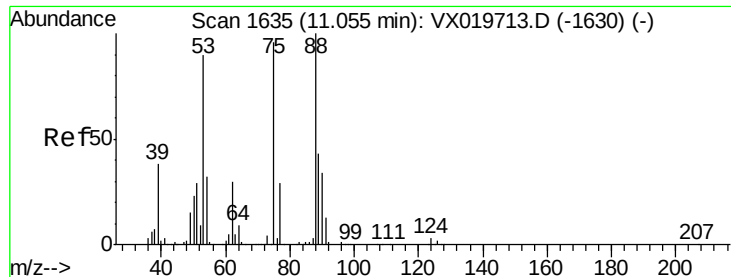
MMDadoda
 12/7/2020 10:55:38 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.249 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Tgt Ion: 105 Resp: 319047
 Ion Ratio Lower Upper
 105 100
 120 48.8 23.8 71.5





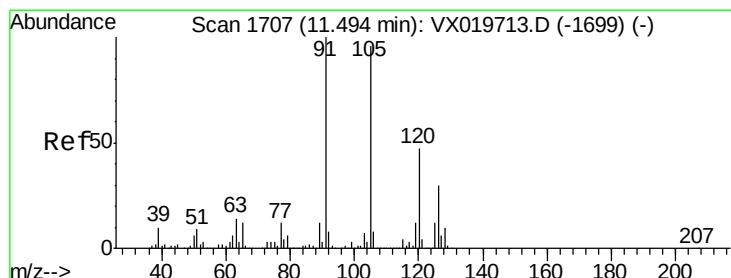
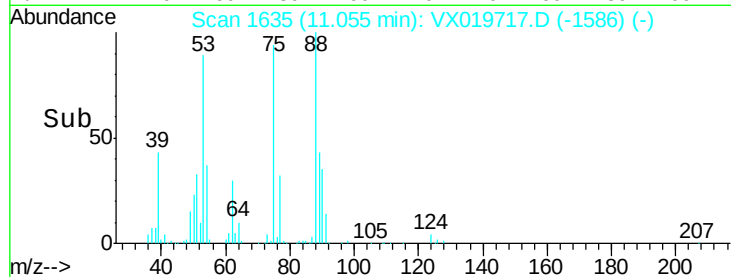
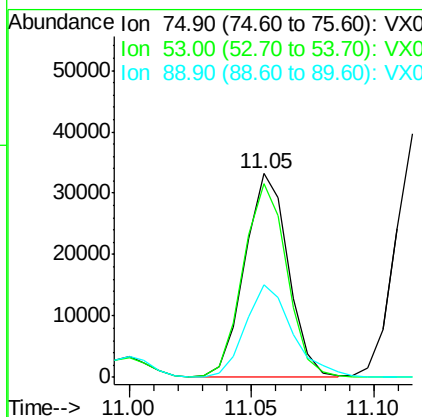
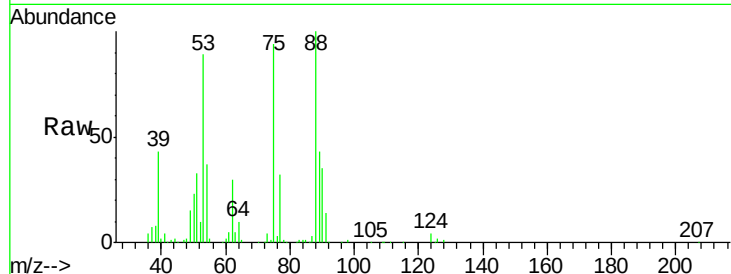
#81
trans-1,4-Dichloro-2-butene
Concen: 20.204 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.5	74.5	111.7
89	49.8	37.9	56.9

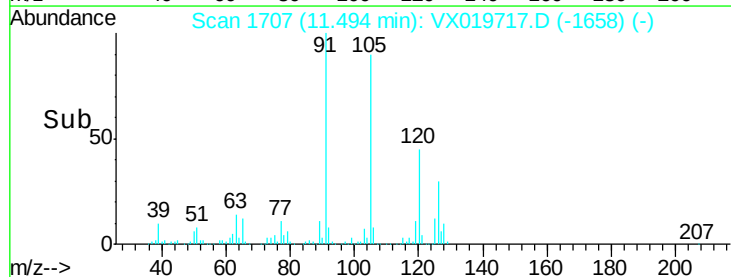
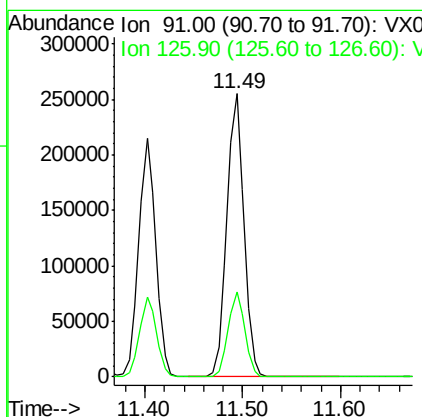
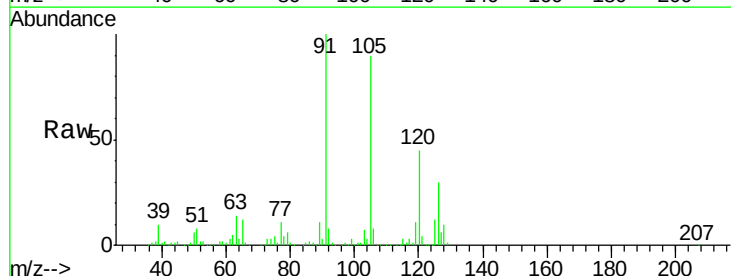
Manual Integrations
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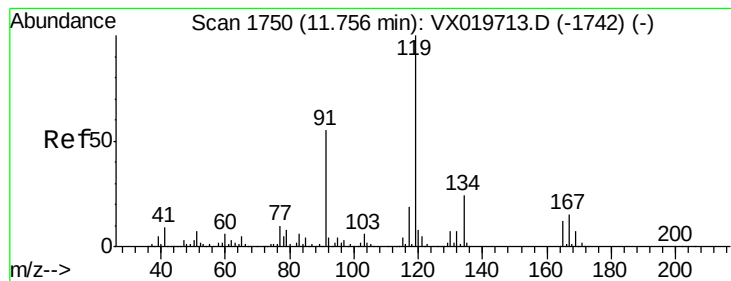
MMDadoda
12/7/2020 10:55:38 AM



#82
4-Chlorotoluene
Concen: 21.259 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.9	44.5





#83

tert-Butylbenzene

Concen: 20.902 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

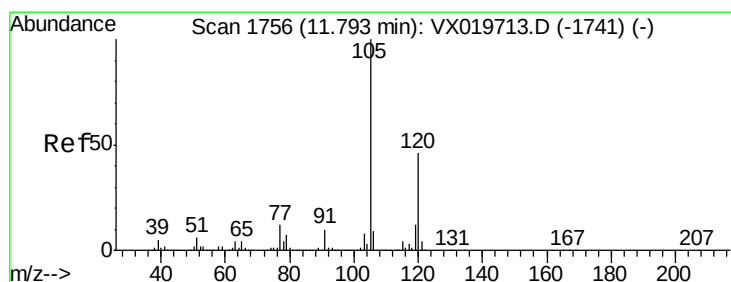
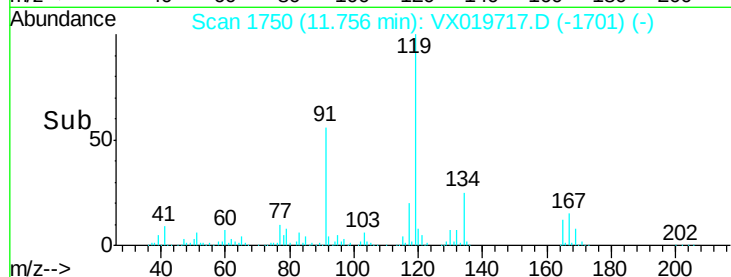
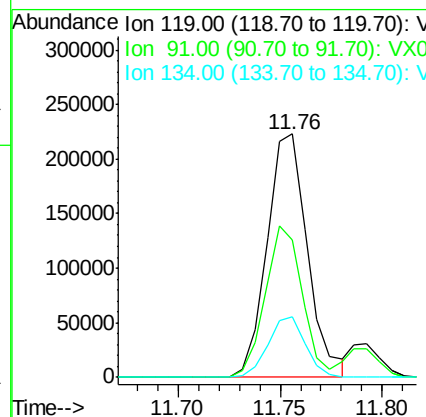
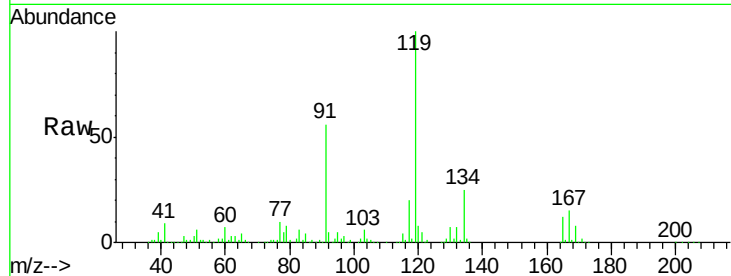
ClientSampleId :

VSTDIC020

Tot Ion:	119	Resp:	308621
Ion Ratio	Lower	Upper	
119	100		
91	57.2	27.9	83.7
134	23.2	11.3	33.9

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.369 ug/l

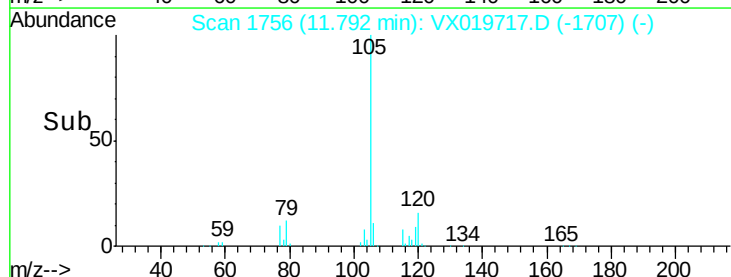
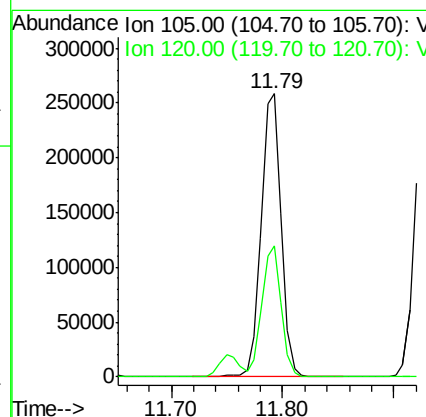
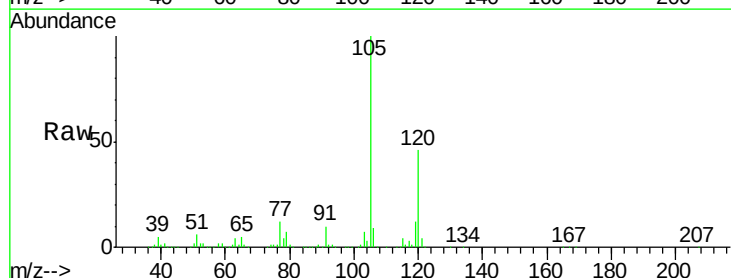
RT: 11.79 min Scan# 1756

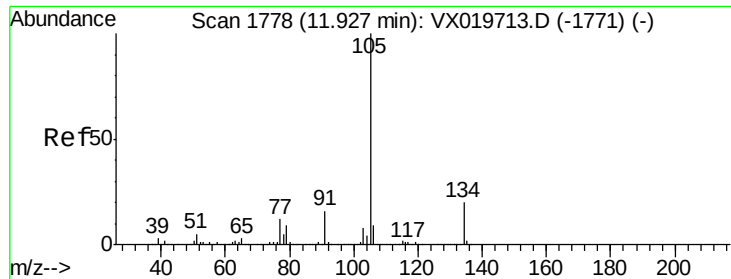
Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Tgt Ion:	105	Resp:	323433
Ion Ratio	Lower	Upper	
105	100		
120	44.7	22.4	67.3





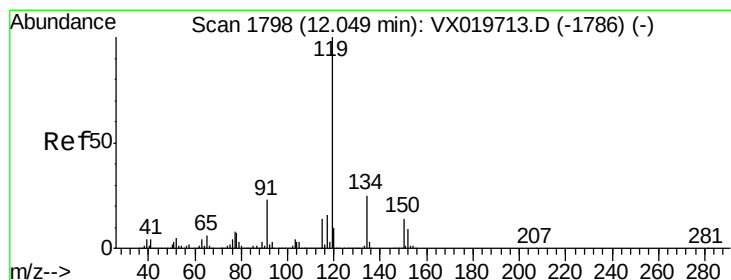
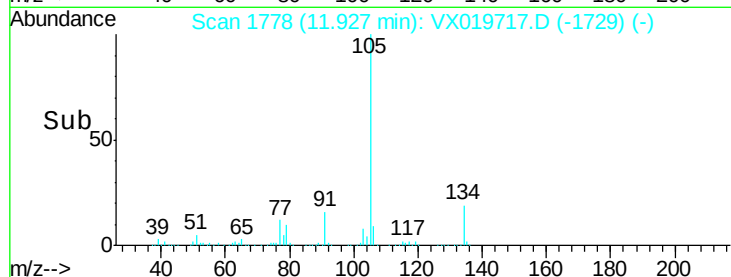
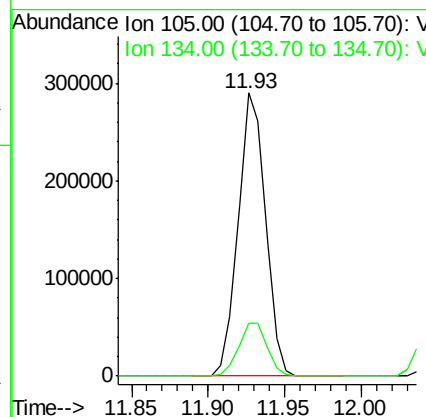
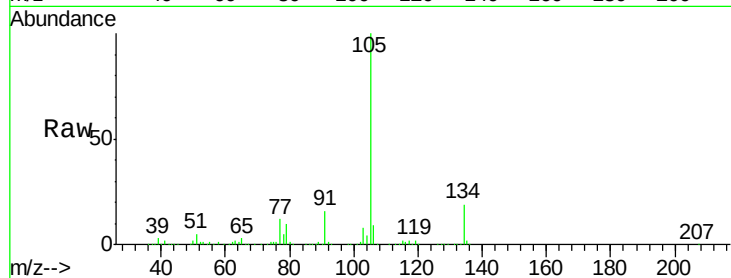
#85
 sec-Butylbenzene
 Concen: 21.309 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	358416		
134	19.7	10.0	29.8	

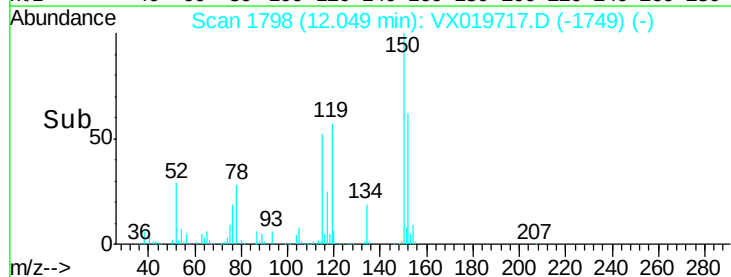
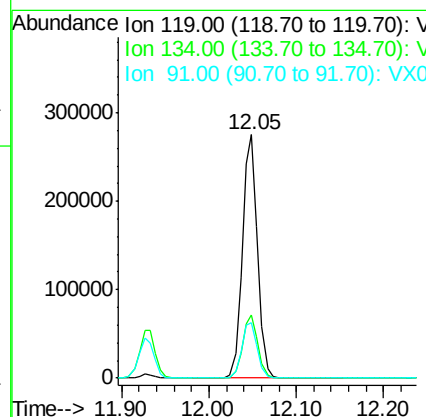
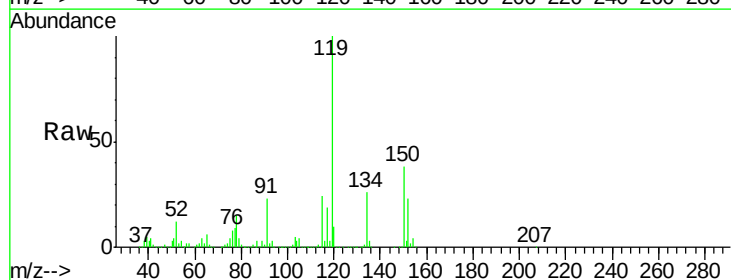
Manual Integrations
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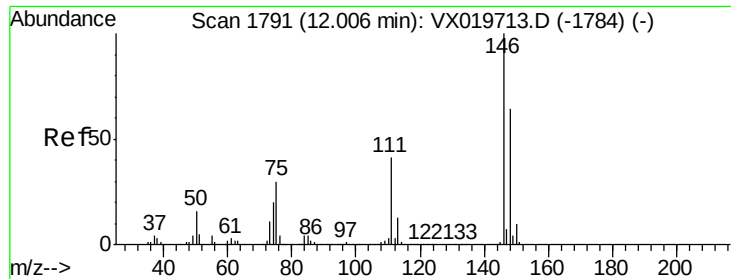
MMDadoda
 12/7/2020 10:55:38 AM



#86
 p-Isopropyltoluene
 Concen: 21.584 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	332523		
134	26.1	12.9	38.7	
91	23.5	11.7	35.0	





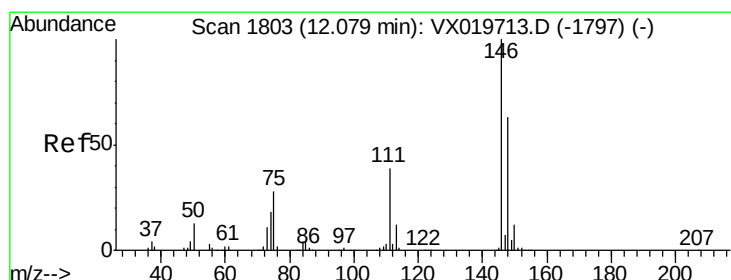
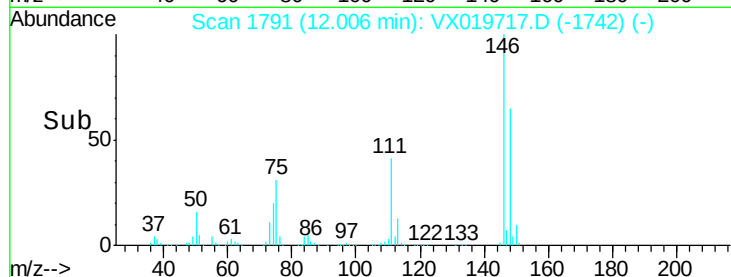
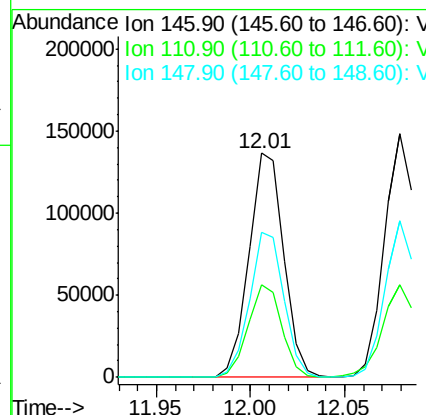
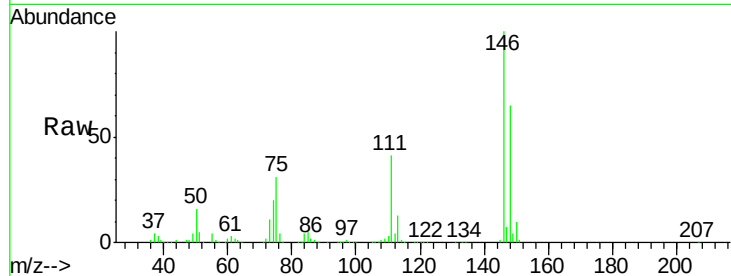
#87
 1,3-Dichlorobenzene
 Concen: 20.956 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	174781		
111	40.3	20.2	60.5	
148	63.7	31.9	95.7	

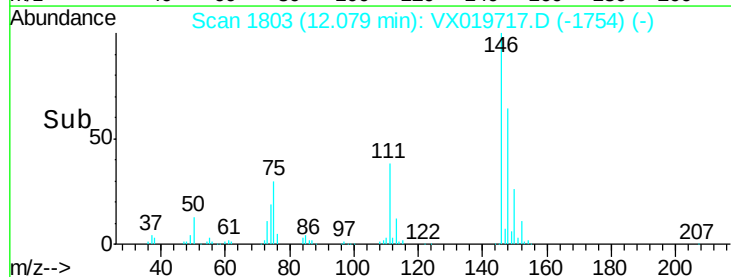
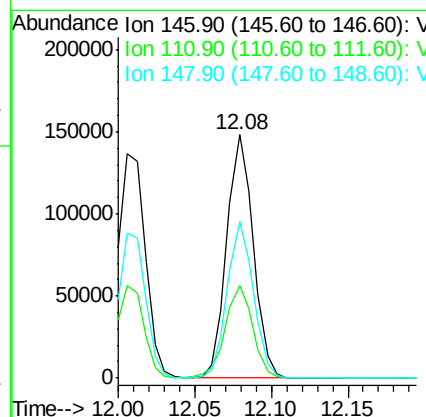
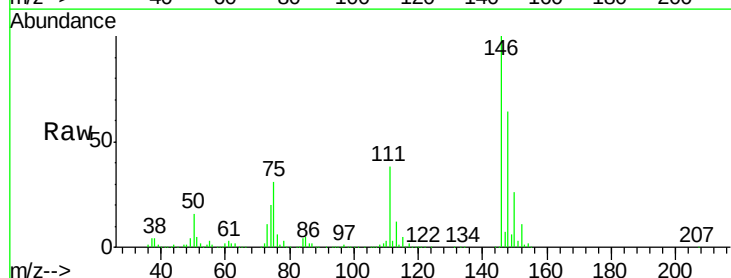
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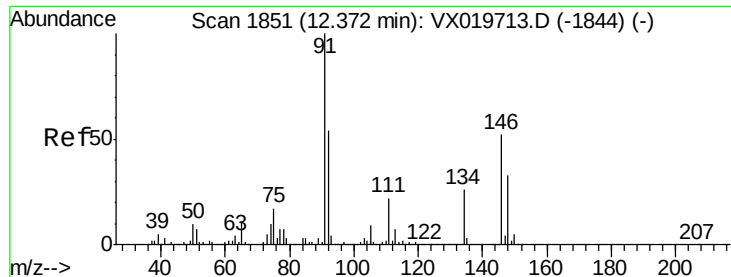
MMDadoda
 12/7/2020 10:55:38 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.998 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	177798		
111	39.7	19.6	58.8	
148	64.0	31.6	95.0	





#89

n-Butylbenzene

Concen: 21.086 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Instrument :

MSVOA_X

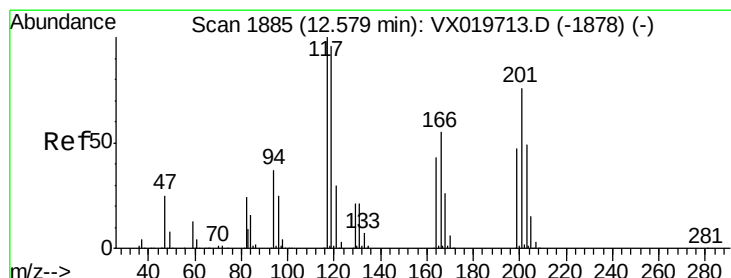
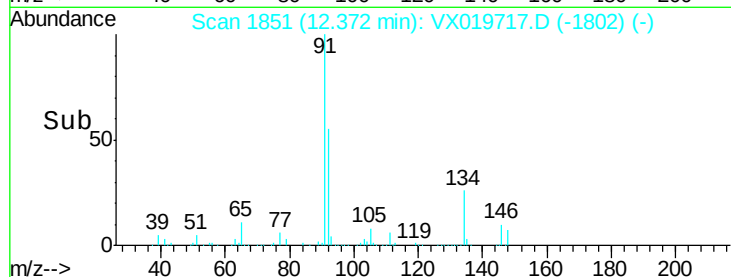
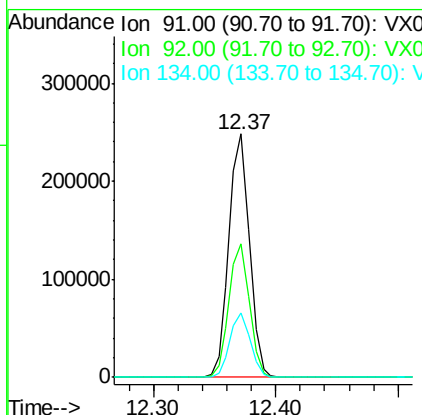
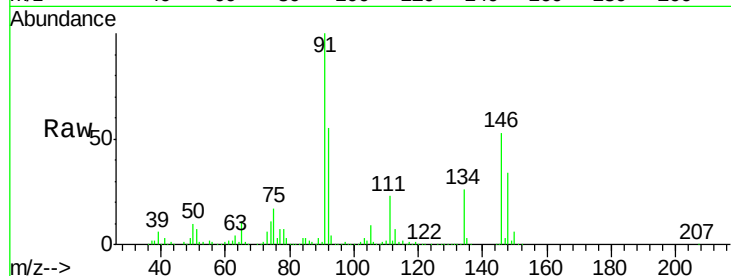
ClientSampleId :

VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.4	82.0
134	26.1	13.2	39.5

Manual Integrations
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#90

Hexachloroethane

Concen: 20.060 ug/l

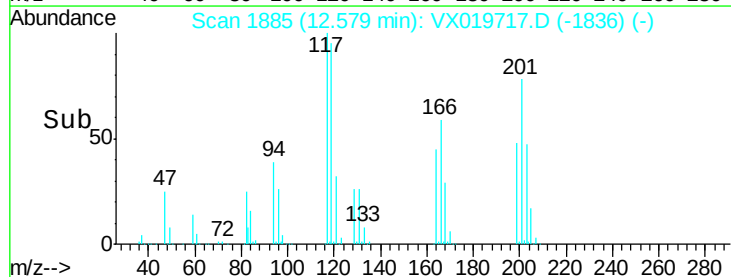
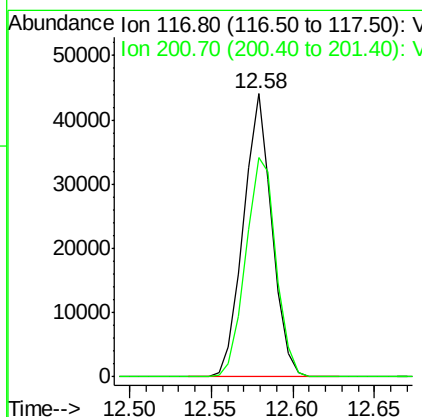
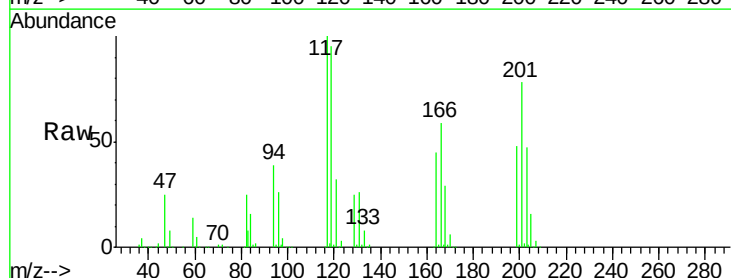
RT: 12.58 min Scan# 1885

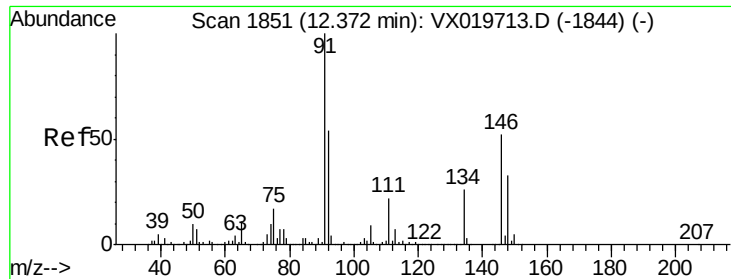
Delta R.T. -0.00 min

Lab File: VX019717.D

Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.8	40.4	121.2





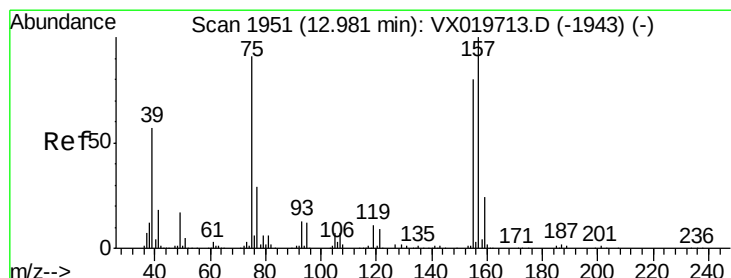
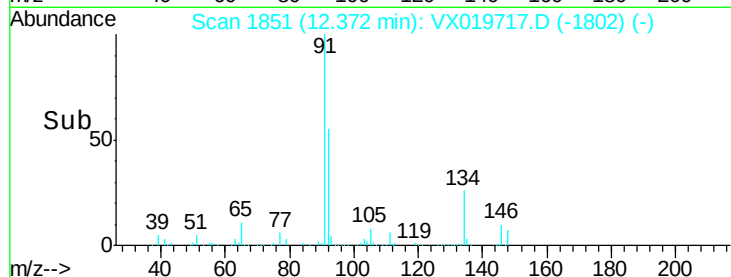
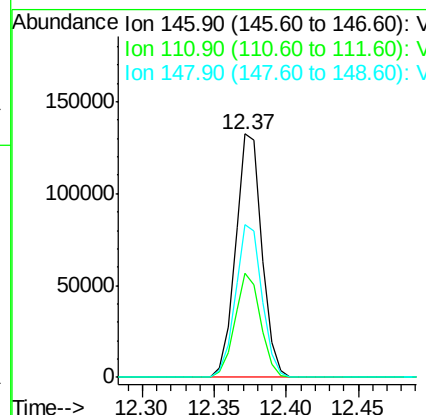
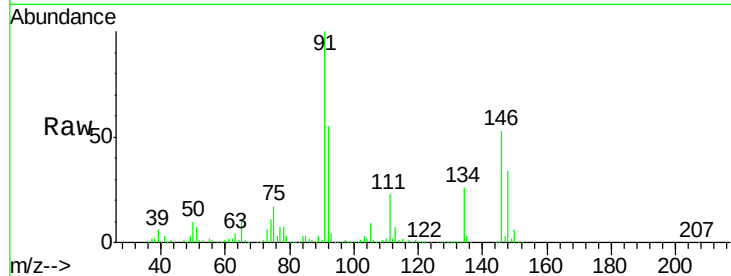
#91
 1,2-Dichlorobenzene
 Concen: 20.853 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	169811		
111	41.9	20.8	62.2	
148	62.9	31.9	95.5	

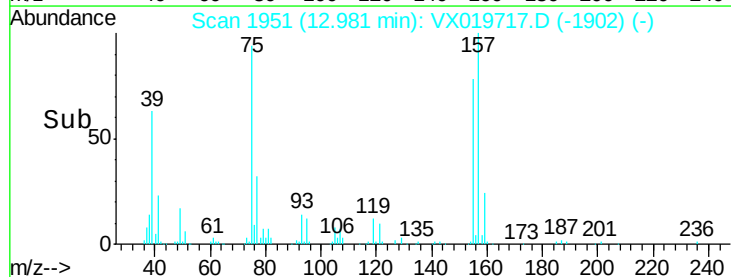
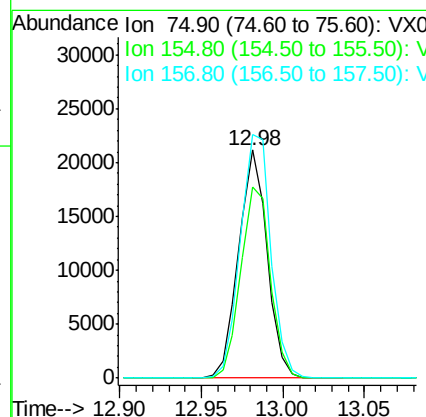
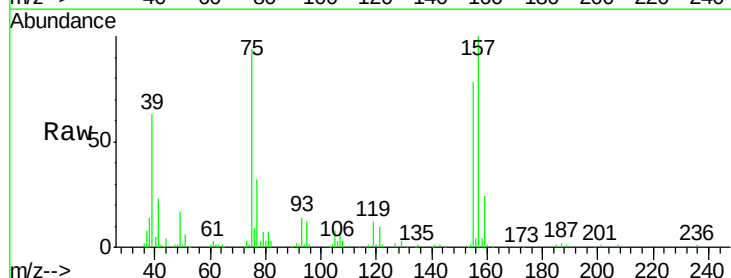
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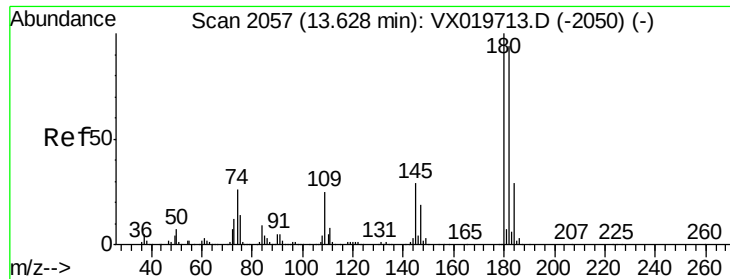
MMDadoda
 12/7/2020 10:55:38 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.916 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	25773		
155	87.0	45.3	135.9	
157	114.6	57.7	173.1	





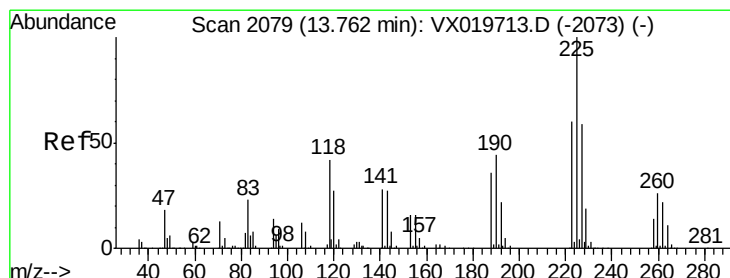
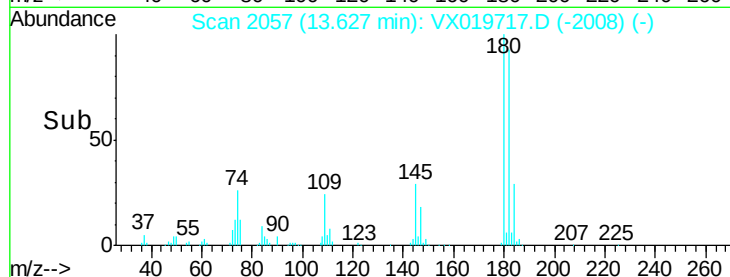
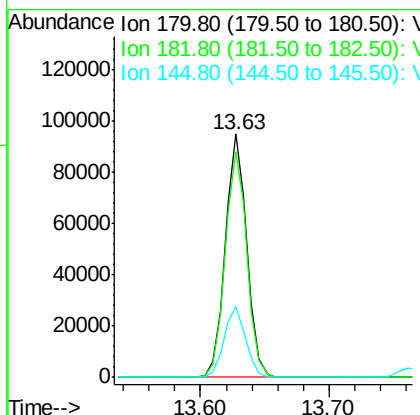
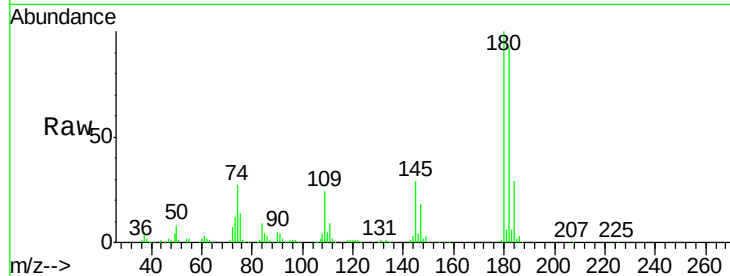
#93
 1,2,4-Trichlorobenzene
 Concen: 21.048 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	111484		
182	93.9	47.7	143.1	
145	29.3	15.0	45.0	

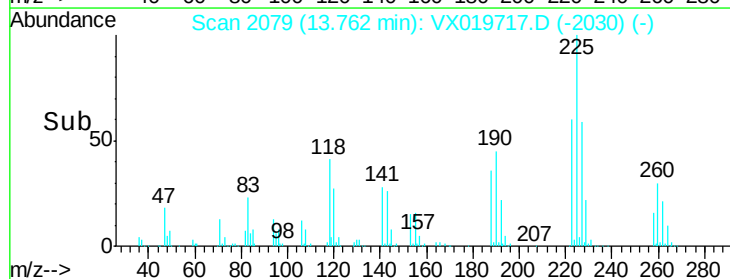
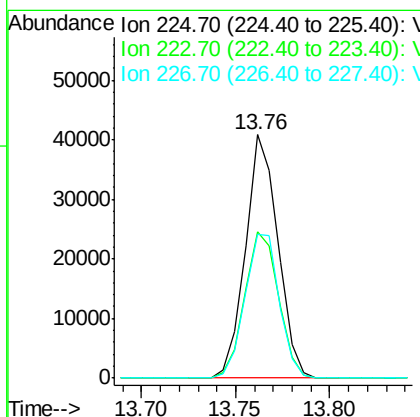
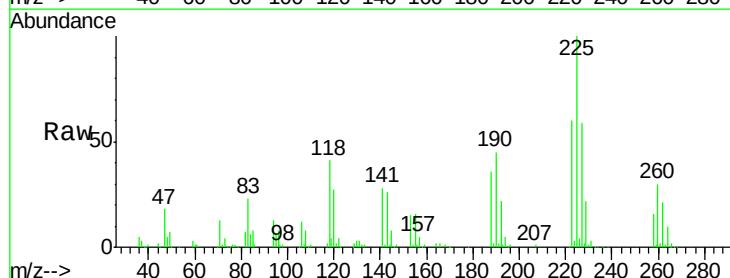
Manual Integrations
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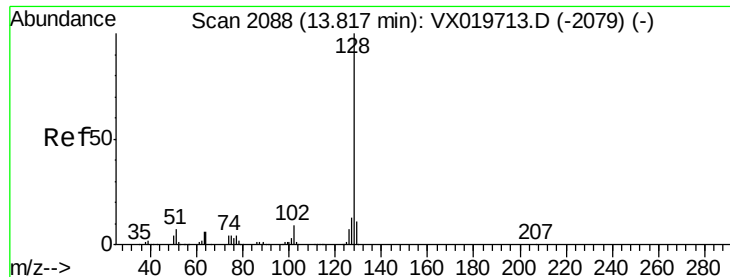
MMDadoda
 12/7/2020 10:55:38 AM



#94
 Hexachlorobutadiene
 Concen: 20.569 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019717.D
 Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	48741		
223	62.6	31.1	93.2	
227	63.0	31.6	95.0	





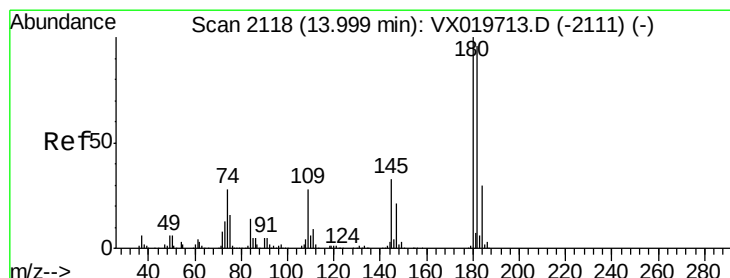
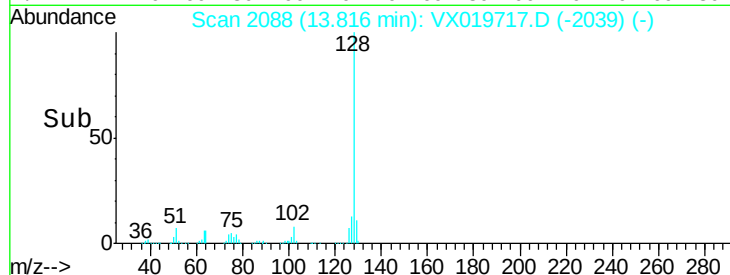
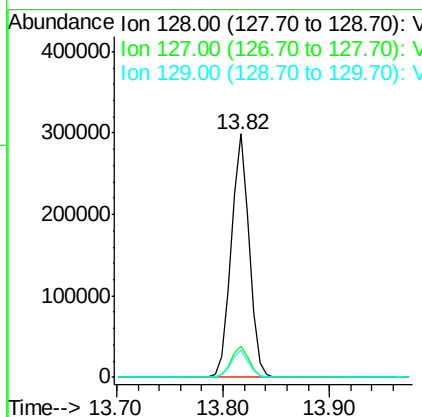
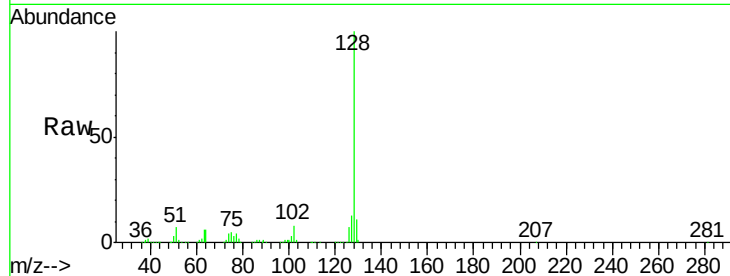
#95
Naphthalene
Concen: 20.489 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:55:38 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.740 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019717.D
Acq: 04 Dec 2020 15:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.6	142.9
145	32.3	16.1	48.3

